



KEENSTAR

2025

EGING PHOTOVOLTAIC TECHNOLOGY CO., LTD.

**ENVIRONMENTAL, SOCIAL
AND GOVERNANCE (ESG) REPORT**



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About the Report

Report Overview

The Report is the fourth environmental, social and governance (ESG) report released by EGING Photovoltaic Technology Co., Ltd. (hereinafter referred to as "the Company", "EGING PV", or "we"), which aims to disclose the Company's management philosophy, core initiatives, and key performance in environmental, social and governance dimensions in 2025 to all stakeholders including shareholders, customers, employees, suppliers, communities, and government regulators in a comprehensive and transparent way.

Organizational Scope of the Report

The headquarters, branches and subsidiaries of EGING Photovoltaic Technology Co., Ltd.

Time Range of the Report

The Report covers the period from January 1 to December 31, 2025. To enhance the comparability, continuity, and contextual completeness of the Report's content, certain information related to historical evolution, long-term planning, and multi-year project progress may trace back to previous years as appropriate.

Report Release Cycle

This Report is published once a year, to keep the Company's stakeholders updated on its progress, strategies and core performance in sustainability. We actively accept supervision and feedback from all stakeholders, and promote the standardization and transparency of ESG information disclosure.

About Information Sources

The information and data in the Report are sourced from the Company's official documents, including but not limited to internal management policies and process documents, business management statistical ledgers, financial statements and audit reports, ESG records (environmental monitoring data, work safety records, employee training files, etc.), third-party testing and certification reports, stakeholder survey feedback materials, and publicly verifiable industry data and policy documents.

Preparation References

This Report has been prepared with reference to the Global Reporting Initiative's Sustainability Reporting Standards (GRI Standards), the United Nations Sustainable Development Goals (UN SDGs 2030), the EU Corporate Sustainability Reporting Directive (CSRD) (European Sustainability Reporting Standards, ESRS), the SASB Standards (for the PV technology and project development industry), and the relevant ESG information disclosure requirements of the China Securities Regulatory Commission (CSRC) and the Shanghai Stock Exchange (SSE), while taking into account the development trends of the PV industry, industrial policy orientations, as well as the Company's own business model and sustainability management practices, so as to ensure the comprehensiveness, relevance, standardization, and industry suitability of the disclosures in this Report.

Disclaimer

The Report contains forward-looking statements. Except for historical facts that have been clearly disclosed, all statements involving the Company's future strategic plans, development goals, performance expectations, business layout, technological innovations, among others, are made based on the Company's current operating conditions, industry trends, and available information. Due to the influence of various uncertainties, including the macroeconomic environment, changes in policies and regulations, the competitive landscape, technological iteration and natural disasters, the actual results may vary from the forward-looking statements. The Company makes no express or implied representations or warranties regarding the accuracy or achievability of such statements. This Report is intended solely to disclose ESG-related information to stakeholders and does not constitute any commercial offer, investment advice, or other legally binding document.

Responsibility Address

In 2025, with the global efforts to achieve carbon peaking and carbon neutrality goals coming to a critical stage, energy transition and sustainable development have emerged as the prevailing trends of the times. As a core pillar for clean energy substitution, the PV industry is shouldering the historical mission of reshaping the global energy landscape. Dedicated to the industry for over two decades, EGING PV has always viewed ESG (Environmental, Social and Governance) as the core DNA for its survival and development, as well as a strategic anchor for it to navigate market cycles. Operating under the framework rooted in ecological priority, shared responsibility, and solid governance, the Company honors the trust of stakeholders and answers the call of the times, forging ahead steadfastly on the path to sustainable development.

Solidifying the ecological foundation for sustainability with green and low-carbon development as the hallmark.

We firmly believe that an enterprise's long-term value aligns with its ecological value, and for an enterprise, shouldering its environmental responsibility is an unshrinkable mission of the times. As a state-level "Green Factory" and "Green Supply Chain Management Enterprise", we embed the concept of whole-lifecycle decarbonization into the entire industrial chain from R&D, production and supply to recycling. By optimizing production processes and upgrading intelligent manufacturing, we continuously drive down energy consumption per unit of product. By operating rooftop PV power stations and self-operated power facilities, we ensure a continuous supply of clean electricity, reducing carbon emissions at scale through an optimized energy mix. By deepening eco-friendly product design, we minimize our environmental footprints at the source with the adoption of innovative lightweight, recycling and energy-efficient technologies. By driving upstream and downstream partners to meet environmental compliance standards, we seek to build a green and low-carbon ecosystem across the industrial chain from procurement and production to logistics. This is not only a concrete practice of our commitment to "carbon peaking and carbon neutrality" goals, but also a strategic choice for us to seize future markets with ecosystem competitiveness.

Forging an industrial ecosystem of shared values with the fulfillment of responsibilities as the tie.

Enterprises are an integral part of society. Only by growing with stakeholders can an enterprise secure long-term growth. Adhering to the people-oriented philosophy, we prioritize the protection of employees' rights and interests and their career development. We improve the remuneration and welfare system, occupational health protection measures, as well as diverse training and promotion pathways, to enable all employees at EGING PV to realize their personal values in a safe, fair and caring working environment. Upholding quality as the lifeblood of the Company, we leverage digital quality management and lifecycle traceability systems to provide global customers with highly reliable, high-value products and whole-lifecycle services. We deepen supplier management by incorporating social responsibility requirements into cooperation terms, and drive the enhancements in both compliance standards and the sense of responsibility across the supply chain through audits, training and collaborative improvement. We actively integrate into community development, contributing to rural revitalization, ecological conservation and public welfare assistance. By giving back to society with the fruits of corporate development, we fully demonstrate our commitment to social responsibility as a corporate citizen.

Consolidating the cornerstone of steady and sustainable development with the support of modern governance.

Sound corporate governance is core to the implementation of ESG strategies, as well as fundamental to an enterprise's risk resilience and steady development. We strictly follow the requirements of the Company Law, refine our governance structure comprising shareholders' meetings, Board of Directors, special committees and the management, and integrate the whole chain from strategy formulation and implementation to supervision and evaluation. We strictly adhere to business ethics and earn market trust through transparent, standardized and compliant operations. We have in place a scientific internal control and risk management system, and accurately identify, prevent and control operational, compliance, environmental and other risks, safeguarding the high-quality development of the Company. We continue to improve the ESG information disclosure mechanism, and respond to stakeholders' concerns through open and transparent communication, to foster mutual trust based on positive engagement.

At this new juncture, the PV industry sees multiple opportunities and challenges brought by technological iteration, market restructuring and global competition. Going forward, with ESG as the core strategic engine, EGING PV will further intensify efforts in three key areas. In the environmental dimension, we will focus on the innovation and mass application of green and low-carbon technologies, striving to become an industry benchmark in low-carbon transformation. In the social dimension, we will push the boundaries of responsibility, deepen value sharing with employees, customers, suppliers and communities, and seek for a more resilient and inclusive industrial ecosystem. In the governance dimension, we will continue to optimize the governance structure and advance digital upgrading, enhance governance efficiency and transparency, and support the long-term development of the Company through modern governance.

Although the road ahead is long and challenging, perseverance will lead us to a promising future. Every step we've taken forward wouldn't have been possible without the trust of shareholders, support of customers, dedication of employees, and care from all sectors of society. Let us join hands and forge ahead toward a brighter and more sustainable future!

Going ahead, EGING PV will stay true to its original aspiration and founding mission. With stronger commitment to ecological protection, more results-oriented responsibility initiatives, and a more robust governance system, we will work with all partners to ride on the global wave of energy transition, thereby contributing to a cleaner, safer and more efficient energy system, as well as the shared vision of sustainable human development.

| About EGING PV

Company Profile

Development History

Business Presence

Global Service

ESG-related Honors and Awards

01



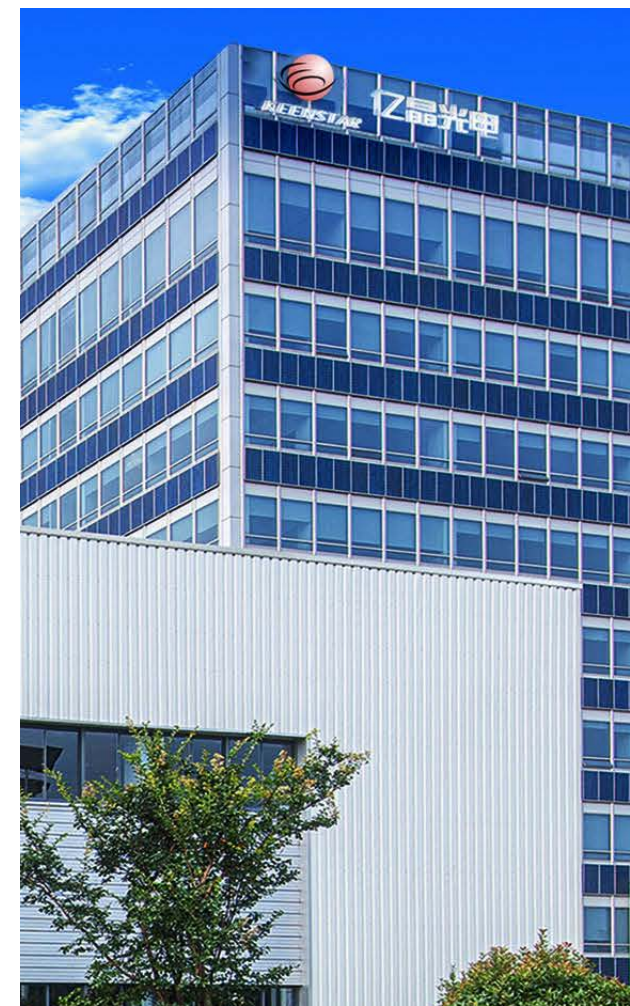
Company Profile

EGING Photovoltaic Technology Co., Ltd. (hereinafter referred to as "EGING PV"), listed under stock code SH600537, is a high-tech enterprise dedicated to the PV field, specializing in the R&D, production, and sales of solar cells and modules. It also has extensive experience in the development and operation of PV power stations. In 2011, the Company was successfully listed on China's A-share market, and has been ranked among the "Global Tier 1 PV Manufacturers" by BloombergNEF for years in a row. Equipped with world-class production lines, EGING PV consistently delivers high-quality PV modules to customers worldwide.

Currently, the Company's core product is high-efficiency crystalline silicon solar modules, which are applied mainly to large-scale ground-mounted power plants, industrial and commercial projects, and residential installations, and exported to approximately 55 countries and regions across

the globe. In addition, EGING PV has established a range of scientific research platforms, including the "International Science and Technology Cooperation Base" accredited by the Department of International Cooperation of the Ministry of Science and Technology of China, a postdoctoral research station, and the Jiangsu PV Engineering Research Institute. The Company's module laboratory was not only certified by the China National Accreditation Service for Conformity Assessment (CNAS), but also designated as a TDAP laboratory by the internationally renowned PV certification body VDE, and a TMP witness laboratory by TÜV Rheinland. This provides authoritative assurance for the R&D, quality inspection, and international certification of products.

Going forward, EGING PV will remain focused on improving operational efficiency, strengthening the R&D of core technologies, and expanding its business footprints. Driven by customer needs, the Company will provide global customers with reliable clean energy products and personalized services, steadily advancing toward the goal of becoming the preferred supplier of multi-scenario solutions for PV power stations.



Company established in

2003

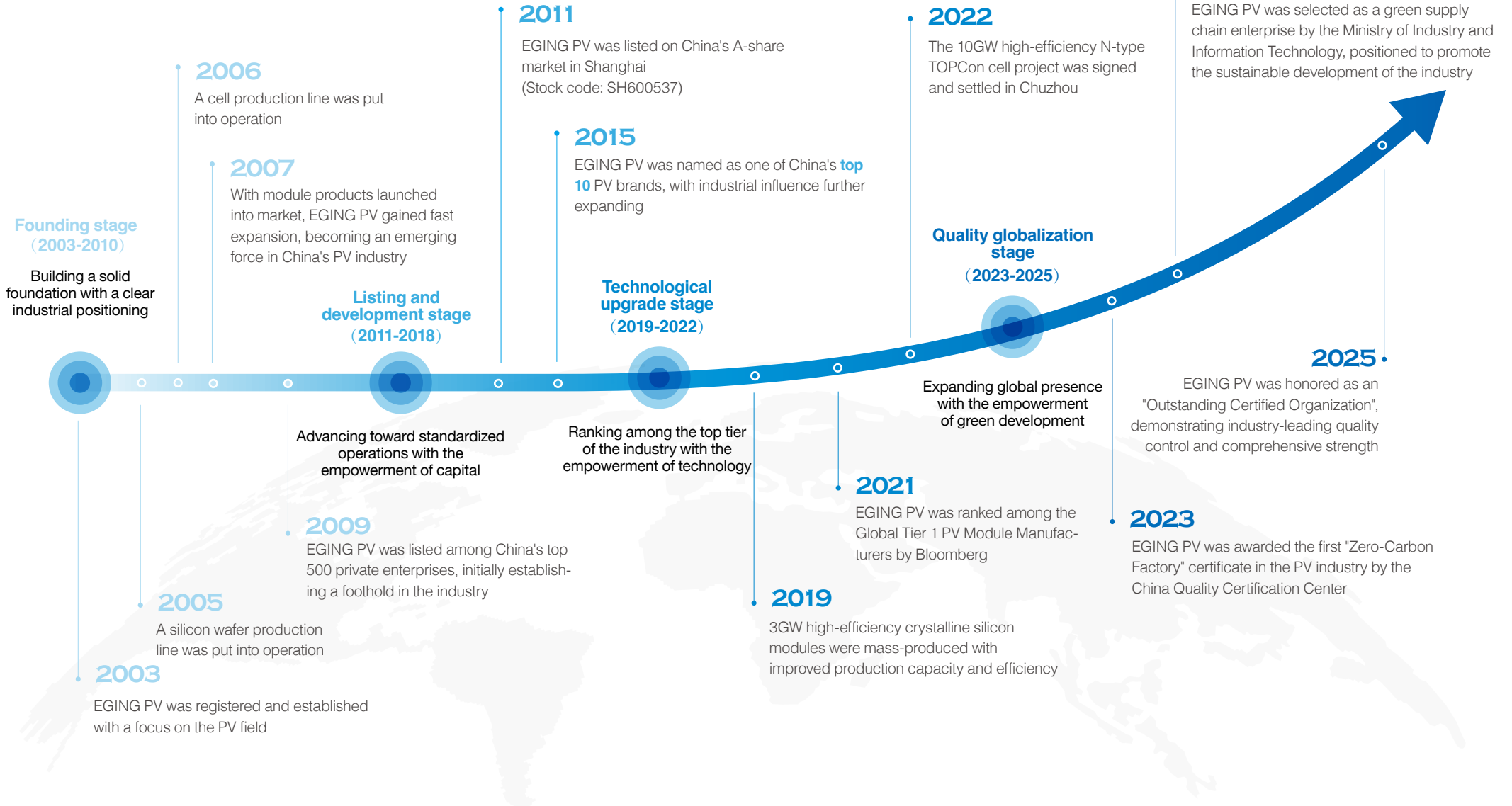
Stock code

SH600537

Ranking among global PV
manufacturers

TIER 1

Development History



Business Presence



Cell manufacturing

EGING PV continuously optimizes product performance, improves energy conversion efficiency and stability, and focuses on driving breakthroughs in core cell manufacturing technologies, so as to enhance product competitiveness. Equipped with advanced testing instruments and special-purpose equipment, the Company implements refined management and control to ensure the consistency of cell products.



Module manufacturing

By integrating advanced enveloping and grid line optimization technologies, EGING PV has launched products of diverse formats and specifications. Through quality control throughout the production process, the Company has built a premium and reliable brand image. A global sales network has been established, and the Company's products have obtained major international certifications. The Company offers customized module solutions that incorporate high-efficiency power generation technologies, balancing costs and performance to address the needs in diverse areas.



Power station development

EGING PV provides one-stop power station solutions covering the entire project lifecycle from planning and design to construction. The Company adopts a diversified business model to promote the development of power stations in various scenarios, such as large-scale ground-mounted plants and industrial & commercial rooftop systems. Leveraging advanced energy storage system integration technologies, the Company achieves the coordinated development of PV power generation and energy storage.

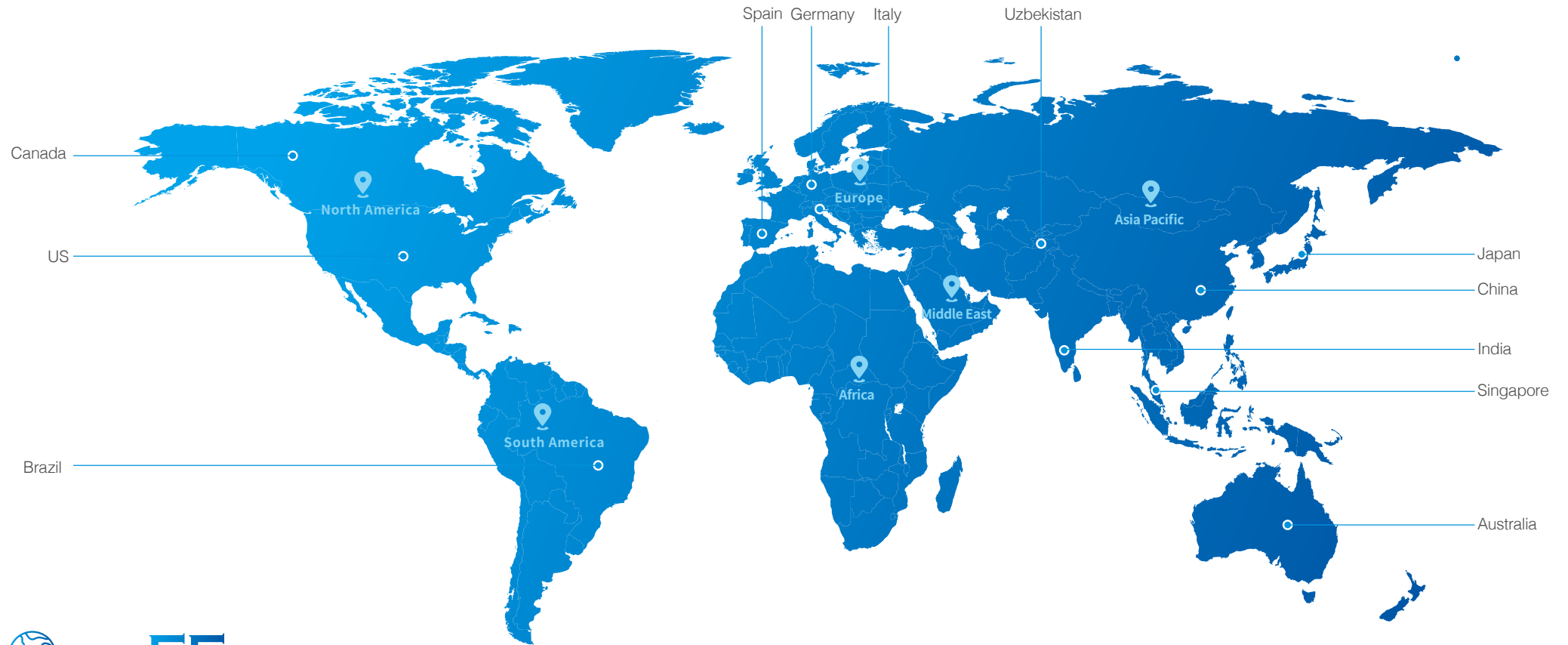


Operation & management services

EGING PV has established a full-lifecycle operation & maintenance system for power stations, enabling real-time monitoring of operation status. The Company provides professional whole-process operation & maintenance services, including equipment maintenance, troubleshooting and performance optimization, and has in place a 24/7 rapid response mechanism, to ensure long-term stable returns of power stations. By integrating preventive maintenance technologies, the Company can identify potential equipment risks in advance.



Global Service



Serving **55** countries

ESG-related Honors and Awards



Global New Energy ESG Top 100 List

Global Green Energy Council



State-level Green Supply Chain Management Enterprise

Ministry of Industry and Information Technology of China



State-level Green Factory

Ministry of Industry and Information Technology of China



State-level 5G Factory

Ministry of Industry and Information Technology of China



Enterprise under the Green Building Materials Rural Promotion Initiative in Jiangsu Province

Industry and Information Technology Department of Jiangsu, Jiangsu Development & Reform Commission, Department of Finance of Jiangsu Province



Water-saving Enterprise in Jiangsu Province

Department of Water Resources of Jiangsu Province



APVIA Awards

Asian Photovoltaic Industry Association (APVIA)



Global Top 500 New Energy Enterprises

China Energy News, China Institute of Energy Economics



Zero-carbon Factory Certification

China Quality Certification Center



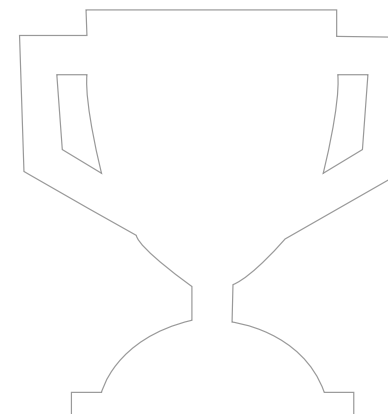
Product Carbon Footprint Certification

China Quality Certification Center



Environmental Product Declaration (EPD) Certification

UL Solutions (mutually recognized by the Italy EPD platform)



Sustainable Development Management

ESG Strategy

ESG Governance

ESG Action Response

Communication with Stakeholders

Materiality Issues Evaluation

02



ESG Strategy

The Company has established a four-pronged ESG strategic framework comprising governance (G), renewable (R), oriented (O), and wellbeing (W). Focusing on the new energy business, the Company integrates sustainable development deeply into the whole value chain from R&D and production to sales and services, empowering delivery of the "carbon peaking and carbon neutrality" goals and energy transition across the globe with clean energy technologies.



Based on standardized and transparent modern corporate governance, EGING PV improves its ESG governance structure and decision-making mechanism, strengthens end-to-end compliance risk control and business ethics education, enhances the transparency of information disclosure, and seeks to build a global compliant supply chain, to ensure its stable and sustainable operation, and protect the legitimate rights and interests of shareholders and stakeholders.

Core issues

Corporate governance, internal control and risk management, business ethics and anti-corruption, information disclosure and investor relations, supply chain compliance, data security and privacy protection



With renewable energy as the main business and "zero-carbon production, recycling and ecological protection" as the core principles, EGING PV refines its green manufacturing system, drives energy conservation, carbon reduction and the transition to green electricity, and improves the recycling of resources such as water and solid waste, fulfilling its responsibility in ecological and environmental protection, and contributing to the global climate action.

Core issues

Climate change and carbon management, energy management, water resource management, pollutant management, recycling, and ecological protection



Being sustainability-oriented, EGING PV embeds the ESG philosophy into technology R&D, intelligent manufacturing, product innovation and the industrial chain. The Company drives low-carbon upgrade of the industry through innovative high-efficiency PV technologies, expands into global low-carbon markets, and promotes collaborative and sustainable development across the industrial chain.

Core issues

Technology innovation and R&D of green products, intelligent manufacturing and operation optimization, sustainable strategic layout, collaborative development across the industrial chain, intellectual property and innovation management



EGING PV safeguards the wellbeing of employees, customers, suppliers, communities and other stakeholders, guarantees employees' occupational health and development, empowers customers and supply chain partners, and fulfills its social responsibilities in rural revitalization, energy inclusiveness, among other initiatives, to achieve development of both the Company and society.

Core issues

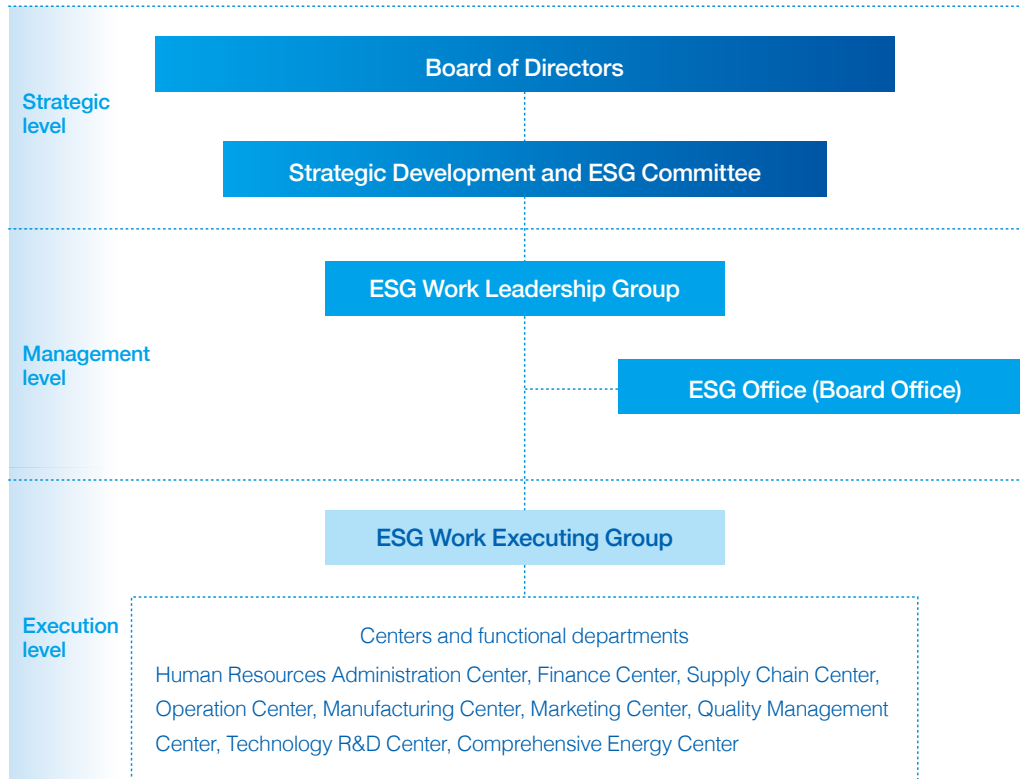
Employee rights and occupational health, talent cultivation and development, customer service and product responsibility, supply chain partner empowerment, rural revitalization and energy inclusiveness, community engagement, charity and public welfare



ESG Governance

EGING PV continuously optimizes its ESG governance structure, makes clear the responsibilities and authorities at the decision-making, management and execution levels, and promotes efficient communication, close collaboration and implementation across all levels. By deeply integrating the ESG philosophy into its daily operations and strategic planning, the Company advances various ESG initiatives in a more systematic and scientific way, consolidating the governance foundation for sustainable development.

ESG Governance Structure



ESG Division of Responsibilities

- The Board of Directors and its subordinate Strategy Development and ESG Committee, as the decision-making level of the Company's ESG governance, continue to play a core role in strategic leadership. They are responsible for formulating the Company's medium- and long-term ESG development guidelines, reviewing major matters related to ESG work, and regularly supervising and inspecting the progress and implementation of ESG initiatives, so as to ensure that the Company balances its economic benefits, environmental responsibilities and social responsibilities in the course of development.
- The Company's ESG Work Leadership Group, serving as the management level for ESG work, consists of the Company's General Manager and senior management personnel. It is responsible for formulating sound ESG management policies and implementation rules, conducting regular oversight of the execution of ESG work, coordinating various ESG initiatives to ensure their smooth implementation, and reporting the progress of ESG work to the Strategy Development and ESG Committee on a regular basis.
- The Company's ESG Work Executing Group, serving as the execution level for ESG work, consists of full-time personnel designated by various departments and units of the Company. Focusing on the core ESG work of the Company, it is responsible for daily ESG management work, including ESG-related data collection, result feedback and initiative implementation, so as to ensure the effective achievement of all the Company's ESG objectives.

ESG Action Response

The core of the Sustainable Development Goals (SDGs) is highly consistent with the ESG concept. Dedicated to the PV industry, EGING PV continuously responded to the UN SDGs 2030 through its own ESG actions.

Partnerships for the Goals The Company drives the development of PV projects in collaboration with partners in the global PV industry, and deepens cooperation with universities and research institutions on the R&D and innovation of PV technologies, to promote the delivery of sustainability goals through diverse partnerships.

Peace, Justice and Strong Institutions The Company strictly abides by national and international laws and regulations, upholds legal and compliant operations, and safeguards fair market competition. The Company continuously improves its internal governance structure, establishes and refines risk management and internal control systems, while actively participating in the formulation of PV industry standards. By working with governments, industry associations and other institutions, the Company aims to promote the compliant and healthy development of the PV industry.

Life on Land By driving the development of the PV industry, the Company reduces the damage caused by the exploitation and use of traditional energy resources to terrestrial ecosystems. The Company conducts special ecological evaluations during the planning and construction of PV projects, and mitigates the impacts on the habitats of life on land through scientific site selection and rational construction methods. Meanwhile, the Company focuses on ecological protection and restoration around project sites, to minimize the potential impact of PV projects on terrestrial ecology.

Life Below Water Although no actions have been taken directly targeting the protection of life below water, the Company has reduced the impacts of production and operations on the aquatic environment through environmental protection measures such as strictly controlling the discharge of production wastewater, continuously improving the utilization efficiency of water resources, and implementing comprehensive carbon reduction initiatives. These efforts have indirectly improved the living environment and contributed to the protection of life below water.

Climate Action With carbon peaking and carbon neutrality as the core goal, the Company continuously improves its environmental management system, reduces greenhouse gas emissions through adoption of energy-saving technologies and process optimizations, improves the operation model of "zero-carbon factories", and increases the use of renewable energy in production and operations, effectively honoring climate action requirements.

Responsible Consumption and Production Integrating the green development philosophy into all aspects of supply chain management, the Company implements green control throughout the process from raw material procurement and manufacturing to waste disposal. The Company continuously consolidates the achievements of ISO 9001, ISO 14001 and other system certifications, and constantly upgrades the R&D and certification of green products, to promote the green and sustainable development of production and consumption.

Sustainable Cities and Communities The Company vigorously promotes building-integrated PV projects, widely applying PV products to various urban buildings. This provides clean and low-carbon energy for urban development and reduces carbon emissions. Meanwhile, the Company respects local culture and customs in its business operations, actively engages with communities, and supports public welfare activities such as the construction of community facilities, contributing to the sustainable development of communities.

Reduced Inequalities The Company fosters a fair and impartial corporate culture within the organization, eliminating unreasonable disparities in employee benefits, development opportunities and other aspects. Meanwhile, the Company actively engages in various public welfare initiatives, and carries out pairing assistance, disability support and other activities to provide jobs and help for vulnerable groups such as people with disabilities, contributing to equal development at the social level.

No Poverty The Company continuously absorbs labor in local and surrounding areas, providing stable jobs and income for the public. Meanwhile, the Company deepens its engagement in rural revitalization, and carries out public welfare activities that empower rural development through PV projects, effectively promoting the development of rural economy and poverty alleviation.

Zero Hunger The Company continuously optimizes the "PV + agriculture" project model, scientifically planning crop cultivation and poultry breeding under PV panels to further improve land utilization efficiency. By linking the development of different industries, the Company expands income channels for local farmers and indirectly supports food security at the industrial level.

Good Health and Well-being The Company continuously refines its occupational health and safety management system, to create a safe and healthy working environment for employees. The Company regularly organizes targeted occupational health checkups and dynamically monitors employees' health conditions. Meanwhile, the Company regularly launches safety knowledge training sessions and emergency drills to enhance employees' safety awareness and response to emergencies, thus reducing safety risks in production and operations.

Quality Education The Company continuously builds research platforms such as postdoctoral research stations, with the aim to cultivate professional and technical talents in the PV field. Meanwhile, the Company helps improve teaching conditions in rural schools through material donations and facility construction, effectively facilitating the development of education.

Gender Equality Adhering to the core principle of gender equality, the Company uses employees' abilities and performance as the core evaluation metrics in recruitment, promotion and compensation. The Company provides equal employment and career development opportunities for male and female employees, creating a fair workplace free from gender discrimination.

Clean Water and Sanitation The Company continuously improves its water resource management system, enhancing the recycling efficiency of production water and reducing water waste through process optimization and technological upgrades. Meanwhile, the Company makes ongoing efforts to construct and maintain the sanitation facilities in employees' work and living areas, ensuring employees' access to safe drinking water and basic sanitation facilities.

Affordable and Clean Energy The Company focuses on the R&D, production and sales of solar cells and modules, continuously improving the energy efficiency and quality of PV products. These high-quality products are widely applied in various scenarios such as distributed PV power generation, providing support for the global energy transition and helping reduce the reliance on traditional fossil fuels.

Decent Work and Economic Growth The Company carries out tiered and classified skills training and holistic development programs for employees in different positions, helping them achieve career growth and secure decent work. Meanwhile, the Company generates stable tax revenue for the country by promoting the development of the PV industry, drives the coordinated development across the industrial chain, and continuously contributes to local economic growth and the expansion of job markets.

Industry, Innovation and Infrastructure The Company continuously drives the deep integration of the industry with the next-generation information technology, deepening the implementation of MES, ERP and TMS projects, expanding the application of industrial AGVs, and building smart factories to boost production efficiency and product quality. Meanwhile, leveraging its extensive experience in the construction and operation of PV power plants, the Company provides professional PV solutions for the construction of energy infrastructure across the country.



Communication with Stakeholders

EGING PV values the concerns and demands of all stakeholders, and has been continuously improving the channels and mechanisms for the communication with stakeholders. Through comprehensive analysis and research, the Company has identified its key stakeholders as shareholders and investors; regulators, exchanges and rating agencies; customers; suppliers, contractors and other partners; community, civil society and the media; employees; non-governmental organizations (NGOs); and industry associations.

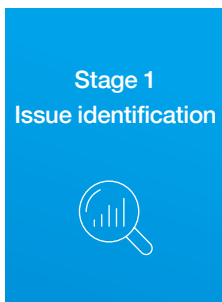
Main stakeholders	Expectations and demands		Main communication methods	
 Shareholders and investors	<ul style="list-style-type: none"> Economic performance Risk management Management structure 	<ul style="list-style-type: none"> Business compliance R&D innovation Digital construction 	<ul style="list-style-type: none"> Shareholders' meetings Periodic report disclosure 	<ul style="list-style-type: none"> Investor meetings Daily communication (phone calls, emails, and meetings)
 Regulators, exchanges, and rating agencies	<ul style="list-style-type: none"> Compliance management Legal employment 	<ul style="list-style-type: none"> Business ethics Ecological protection compliance 	<ul style="list-style-type: none"> Standardized disclosure of information Compliance training and self-inspection Questionnaire surveys 	
 Customers	<ul style="list-style-type: none"> Customer privacy and information security Customer service Product quality and safety 	<ul style="list-style-type: none"> Product performance Green products and solutions 	<ul style="list-style-type: none"> Customer visit Customer satisfaction survey 	<ul style="list-style-type: none"> Product technology exchanges
 Suppliers, contractors, and other partners	<ul style="list-style-type: none"> Sustainable procurement Business ethics 	<ul style="list-style-type: none"> Responsible production Collaborative supply chain ecosystem protection 	<ul style="list-style-type: none"> Regular evaluation and review Supplier conference 	<ul style="list-style-type: none"> Daily communication (phone calls, emails, and meetings)



Main stakeholders	Expectations and demands		Main communication methods	
 <p>Community, civil society, and the media</p>	<ul style="list-style-type: none"> Charity and public welfare Employee rights and interests protection 	<ul style="list-style-type: none"> Biodiversity protection Resource recycling and waste disposal 	<ul style="list-style-type: none"> Community project cooperation Charity activities 	<ul style="list-style-type: none"> Official information release Daily communication (phone calls, emails, and meetings)
 <p>Employees</p>	<ul style="list-style-type: none"> Employee health and safety Employee welfare rights protection 	<ul style="list-style-type: none"> Employee training and development Occupational health management 	<ul style="list-style-type: none"> Employee communication group Company opinion email Employee satisfaction survey questionnaire 	<ul style="list-style-type: none"> Trade union meetings Training and exchange meetings
 <p>Non-governmental organizations (NGOs)</p>	<ul style="list-style-type: none"> Water resource management Energy management Responding to climate change 	<ul style="list-style-type: none"> Waste management Legal employment Ecological protection and biodiversity 	<ul style="list-style-type: none"> Special information disclosure Engagement in public welfare projects 	<ul style="list-style-type: none"> Exchanges on ecological protection Daily communication (phone calls, emails, and meetings)
 <p>Industry associations</p>	<ul style="list-style-type: none"> Technological innovation and IPR protection Product management 	<ul style="list-style-type: none"> Digital construction Joint development of industrial standards 	<ul style="list-style-type: none"> Industry exhibition International/national standard setting Academic exchange activities 	<ul style="list-style-type: none"> Regular meetings of industry associations ESG experience sharing sessions

Materiality Issues Evaluation

EGING PV upholds ESG value creation at the core. Through a four-stage process of "issue identification – issue research – issue analysis – issue screening", the Company accurately identified ESG issues of double materiality to both the Company and its stakeholders. Meanwhile, the Company has established a dynamic update mechanism for materiality issues, to ensure that the list of issues is aligned with corporate development, industry changes and policy updates.



Stage 1 Issue identification

Analyzing the entire business process: Centering on the whole business process from cell production, module enveloping, product sales and after-sales service to the construction and operation of PV projects, the Company conducted a review of ESG risks and opportunities across the value chain.

Benchmarking against the industrial practices and policies: The Company closely monitored the impacts of domestic and foreign PV-related ESG regulations, renewable energy policies, and PV technology iterations on ESG management, and sorted out the common issues of the industry such as circular economy and social benefits.

Referring to authoritative frameworks: Based on the GRI Standards, combined with the requirements of the Guidelines No. 14 of Shanghai Stock Exchange for Self-Regulation of Listed Companies—Sustainability Report (Trial), the Company preliminarily identified potential ESG issues in the three dimensions of environment, society and corporate governance in light of its own business model and strategic priorities.



Stage 2 Issue research

Stakeholder surveys: Through industry surveys, the Company gained insights into the concerns and core demands of various stakeholders regarding ESG issues.

Internal department interviews: The Company conducted in-depth interviews with 18 functional departments involved in ESG work (including the Securities Department, Administration Department, Safety and Environment Department, Finance Department, Supplier Management Department, Labor Union), to sort out key ESG matters and management priorities in the daily operations of each department.

Data sorting and analysis: The Company summarized results from external surveys and internal interviews, eliminated issues with no substantial relevance, and supplemented new ESG issues arising from business development.

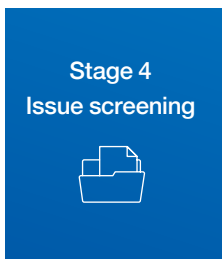


Stage 3 Issue analysis

Impact materiality: The Company evaluated the potential impacts of the issues on the environment and society, including the scale, scope, duration, irreversibility and likelihood of their impacts (e.g., impacts of pollutant emissions on the surrounding environment, contributions of employee rights and interests protection to society).

Financial materiality: The Company analyzed the potential impacts of the issues on its financial performance, including impacts on revenue, costs, profits, cash flows, financing costs, brand value and other aspects (e.g., enhancement of market competitiveness through green product R&D, impacts of compliance risks on operating costs, etc.).

Comprehensive scoring: Based on the evaluation results of impact materiality and financial materiality, the Company quantitatively scored each issue on a 1-5 scale to form an issue materiality scoring matrix.



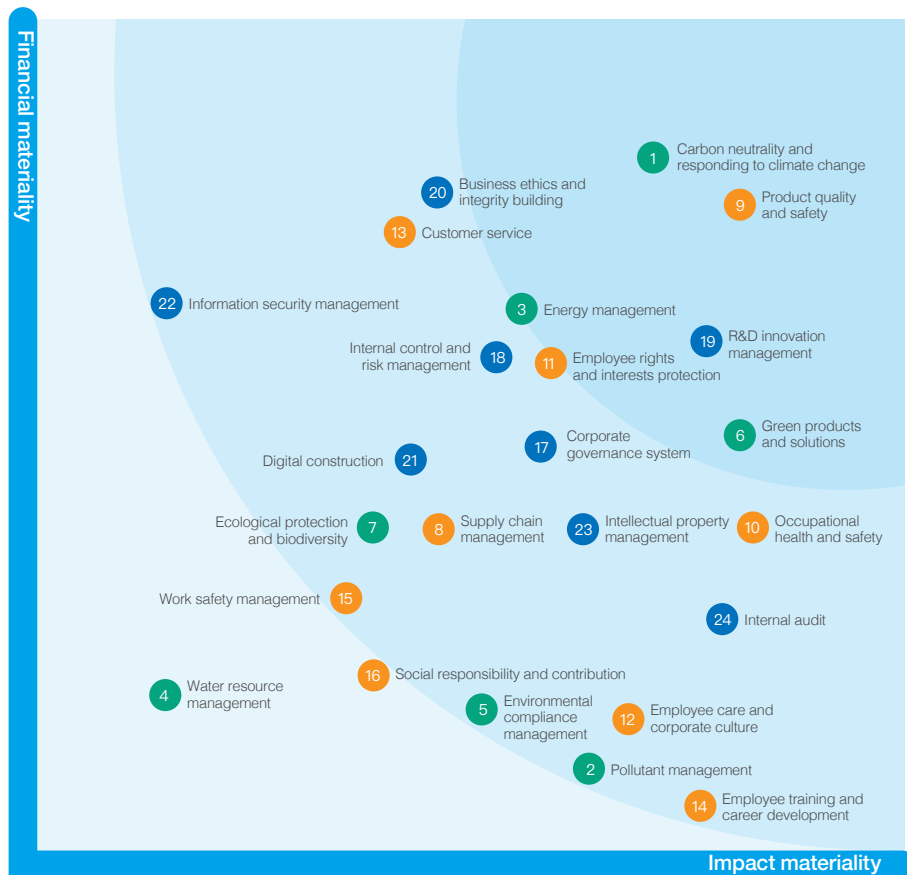
Stage 4 Issue screening

Comprehensive ranking: The Company ranked all issues based on materiality scores, shortlisting the core issues of "high impact materiality + high financial materiality", "high impact materiality + medium financial materiality", and "medium impact materiality + high financial materiality".

Board review: The list of shortlisted issues was submitted to the Company's Board of Directors for review and optimization in light of the Company's development strategy and resource allocation capabilities.

Dynamic update: The Company has established a dynamic adjustment mechanism for materiality issues, and reviews and adjusts the list of issues annually in line with business development, industry changes, policy updates and evolving stakeholder demands, to ensure alignment with its actual development.

Materiality issues evaluation matrix



■ Environmental dimension ■ Social dimension ■ Corporate governance dimension

A total of 24 ESG issues are included for the year. Among them, 6 are strategic issues, focusing on carbon neutrality, energy management, green products, product quality and safety, employee rights and interests protection, and R&D innovation management; 16 are important issues, covering pollutant management, environmental compliance, ecological protection, supply chain management, occupational health, employee care, customer service, employee training, safe production, corporate governance, internal control, business ethics, digitalization, information security, intellectual property, and internal audit; 2 are general issues, including water resource management, and social responsibility and contribution.

Materiality issues

Dimension	ESG-related materiality issues in 2025
<p>Environmental dimension</p>	Environmental compliance management, energy management, water resource management, pollutant management, carbon neutrality and responding to climate change, ecological protection and biodiversity, green products and solutions
<p>Social dimension</p>	Product quality and safety, customer service, supply chain management, work safety management, occupational health and safety, employee rights and interests protection, employee training and career development, employee care and corporate culture, social responsibility and contribution
<p>Corporate governance dimension</p>	Corporate governance system, internal control and risk management, internal audit, business ethics and integrity building, information security management, digital construction, R&D innovation management, intellectual property management

| Green Innovation

R&D Innovation Management

Green Products and Solutions

Intellectual Property Management

Digital Construction

03



R&D Innovation Management

Consistently driven by technological innovation, EGING PV has been ranked for years among the "Global Tier 1 PV Manufacturers" by BloombergNEF. In 2025, the Company further scaled up input of R&D resources, embedded the innovation philosophy into the whole process of R&D and production, and promoted the upgrades of both product performance and manufacturing capacity through high-level technological R&D.



Global **TIER1** PV Manufacturers

R&D platforms



The Company boasts a number of R&D platforms, including the "International Science and Technology Cooperation Base" authorized by the Department of International Cooperation of the Ministry of Science and Technology of China, a postdoctoral research station, Jiangsu (EGING) PV Engineering Research Institute, Jiangsu Solar Energy Materials Engineering Research Center, and Jiangsu Enterprise Technology Center, providing solid hardware and technological support for the R&D of core technologies.

The Company's module testing laboratory was not only certified by the China National Accreditation Service for Conformity Assessment (CNAS), but also designated as a TDAP laboratory by the internationally renowned PV certification body VDE, and a TMP witness laboratory by TÜV Rheinland. This provides authoritative testing assurance for the implementation of R&D outcomes and product quality control.

Cutting-edge manufacturing



The Company continues to drive the upgrade of production lines. Its 5G intelligent manufacturing project of high-efficiency modules has been put into operation. Fully compatible with the latest technologies including TOPCon and HJT, the project can fully meet the manufacturing requirements of various high-efficiency PV modules. The Company's module series have passed VDE, TÜV, CE, MCS, CEC, UL, INMETRO, CQC and some other authoritative certifications at home and abroad. With high-quality products and comprehensive after-sales services, EGING PV has won widespread recognition and praises from users around the world.

Intelligent and digital transformation has been completed for the production workshops. The cell production workshop adopts the MES + AGV intelligent management model, realizing digital and automated operation of the entire production process; advanced TOPCon mass production process has been developed on a collaborative basis, facilitating the large-scale industrialization of high-efficiency cell technologies. The intelligent production lines in the module production workshop are equipped with AI-powered fully automatic optical inspection and judgment equipment, which identifies product defects through visual intelligence, replacing traditional manual inspection and boosting inspection efficiency and product yield. Meanwhile, production lines have adopted precise welding solutions and achieved millimeter-level precision positioning required for MBB module production, guaranteeing the quality of module products in an all-round way.



Cell production workshop



Module production workshop

Green Products and Solutions

EGING PV embeds the concept of green development into the entire product lifecycle from design, R&D and production to packaging and recycling. In 2025, the Company further intensified the R&D and innovation of green products. By obtaining authoritative green certifications at home and abroad, implementing eco-friendly product design, innovatively applying environment-friendly materials, and improving product lifecycle management, the Company has developed PV products and solutions featuring high power, high reliability, low attenuation and low energy consumption. Meanwhile, the Company promoted the application of green products in various scenarios, contributing its strength to the green development of the PV industry.

Authoritative green product certifications



The green and low-carbon attributes of the Company's products have been widely certified by authoritative agencies both at home and abroad. A comprehensive green certification system has been established, encompassing environmental product declaration certification, green product certification, green building materials certification, carbon footprint certification and carbon label certification. These certifications serve as a testament to the Company's strengths in the R&D and manufacturing of green products. Each certification adheres to stringent assessment criteria and clear value orientations.

Green product declaration (EPD) certification

The Company has been awarded UL EPD certification for P-type and N-type modules and has mutual recognition with the Italian EPD. In strict compliance with the international ISO 14025 standards, EPD is a life cycle assessment (LCA) of a product, covering the full lifecycle from material extraction, production, transportation, consumption, to final disposal. By quantifying the core environmental impact indicators of products, including global warming potential, particulate matter emissions, ozone depletion, and water pollution, the certification provides customers with clear and quantifiable information on the environmental impacts of products. After obtaining the UL EPD certificate, the Company's products are simultaneously registered and published on the Italian EPD platform, highly recognized as green in the European market.

CQC green product certification

EGING PV has been awarded the Green Product Certification by CQC, which covers multiple products in the "Green Leading" series of crystalline silicon modules. Green products should be high-quality products that meet the environmental protection requirements in the whole lifecycle, do no harm or little harm to the ecological environment and human health, and consume less resources and energy. The certification serves as an important official recognition of the Company's green product design and green production.

CQC green building materials certification

The Company has been awarded the Green Building Materials Certification by CQC. Green building materials feature adoption of clean production technologies, reduced consumption of natural resources and energy, and extensive use of industrial or urban solid waste. Such products are non-toxic, pollution-free and non-radioactive, highly aligning with the green development needs of the construction sector. The certification paves the way for the Company's products to be applied to green buildings.

TÜV Rheinland product carbon footprint certification

The Company has obtained the product carbon footprint certificate issued by TÜV Rheinland. The certification is based on precise calculation and validation of carbon emissions throughout product lifecycles, from acquisition of raw materials and production to transportation, in compliance with internationally recognized standards. It provides authoritative international endorsement for the products' low-carbon attributes and enhances their competitiveness in the global low-carbon trade market.

Jiangsu product carbon label certification

The Company has been awarded the Jiangsu Product Carbon Label Certification, becoming a benchmark enterprise for green and low-carbon development in Jiangsu's PV industry. In line with Jiangsu's industrial developments and low-carbon standards, this certification is about authorization of an exclusive carbon label based on scientific calculation of product carbon emissions. It serves as a further testament to the low-carbon nature of the Company's products, and aligns closely with local green industrial policies and market demands.

Eco-friendly product design

The Company upholds eco-friendly design, focusing on creating lightweight, harmless, highly reliable, recyclable, energy-efficient and environment-friendly PV products. The Company has developed a series of green PV module products, including Aurora Pro, Aurora Pro+ and Star Pro, that feature enhancements in both technical performance and environmental friendliness, delivering complete technical solutions across all design dimensions.



Lightweight

Innovative low-density, high-strength materials are prioritized. Fiberglass composite frames are adopted in place of traditional aluminum alloy frames, realizing a weight reduction of 10%-20% while enhancing structural stability and durability. Custom ultra-thin glass solutions are developed for small-sized modules, not only reducing raw material consumption, but also improving light transmittance, indirectly boosting power generation efficiency.



Highly reliable

The Company adopts stringent standards to forge a solid quality foundation. All series are provided with a 15-year product warranty and a 30-year linear power warranty, and strictly comply with international testing standards IEC 61215 and IEC 61730. Products are precisely tailored to diverse application scenarios: offshore PV modules feature enhanced resistance against corrosion, UV and wind pressure; seismic-resistant modules have passed the magnitude 9 seismic test and obtained the world's first certification of its kind; anti-dust modules adopt optimized structural design to reduce sand and dust deposition. These improvements ensure stable operation even in extreme environments while lowering customers' operation and maintenance costs.



Harmless

Strict control is exercised over the environmental performance of materials. Eco-friendly, non-toxic, harmless and recyclable materials are prioritized to avoid the introduction of hazardous chemicals. With the adoption of clean production processes, products such as the Aurora Pro series achieve zero wastewater and exhaust emissions throughout manufacturing, causing no pollution to the surrounding environment. Thanks to an optimized weather resistance design, the service life of products is extended, fundamentally reducing waste generation across the full lifecycle and lowering environmental impacts.



Recyclable

Recycling considerations are integrated in product design. Module specifications and structures comply with unified international standards, enabling standard and efficient disassembly. At present, 100% of aluminum frames can be disassembled for reprocessing. Meanwhile, the Company adopts renewable materials such as recyclable aluminum frames, glass, paper packaging and wooden pallets, establishing a resource circular system of "design – production – recycling" and enhancing sustainability across the industrial chain.



Energy-efficient and environment-friendly

The Company reduces energy consumption through innovative core technologies. With the adoption of 0BB technology, the main grid electrodes on the cell surface are eliminated, and finer welding ribbons are used to connect directly with the fine grid lines, significantly cutting metal resource consumption. Supported by optimized enveloping processes such as dispensing and laminating, film weight is reduced, further cutting resource consumption in production. Meanwhile, structural optimizations of modules, such as anti-dust frame design, minimize energy loss during operation. All these efforts enable energy conservation and environmental protection at both production and application stages.

Innovative application of environment-friendly materials



During product packaging and module structure design, the Company continuously promotes the innovative R&D and large-scale application of environmental-friendly materials, reducing the carbon footprints of products throughout their lifecycle through raw material selection and structure design, and achieving the green development goals of resource conservation, recycling and disassembly. To date, the Company has established mature application solutions and put them into production in two major areas: honeycomb carton packaging and steel frame modules.

Honeycomb carton packaging

The packaging features a sandwich structure with a honeycomb core (regular hexagonal paper core) placed between surface papers. Compared with traditional corrugated boxes, it reduces paper consumption and effectively lowers the weight of packaged products. All packaging materials are recyclable paper, enabling 100% recovery and reuse after use, which perfectly aligns with the concept of green packaging.



recovery and reuse after use

100%

Steel frame modules

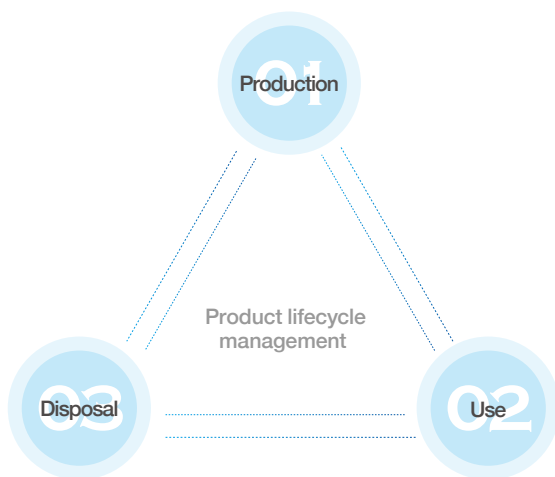
Compared with traditional aluminum alloy frames, steel frames consume much less energy and generate far lower carbon emissions during production, better meeting low-carbon manufacturing requirements. They also deliver superior load-bearing performance and have successfully passed the 7200Pa/3600Pa load capacity test, satisfying the stringent load demands of ultra-large-format modules using 210mm solar cells. At the recycling stage, the energy consumption of recycled steel is only one-tenth that required for primary steel production. With a steel recovery rate of over 90% and a mature industrial recycling system, the recycling efficiency and value of module frames are greatly improved.



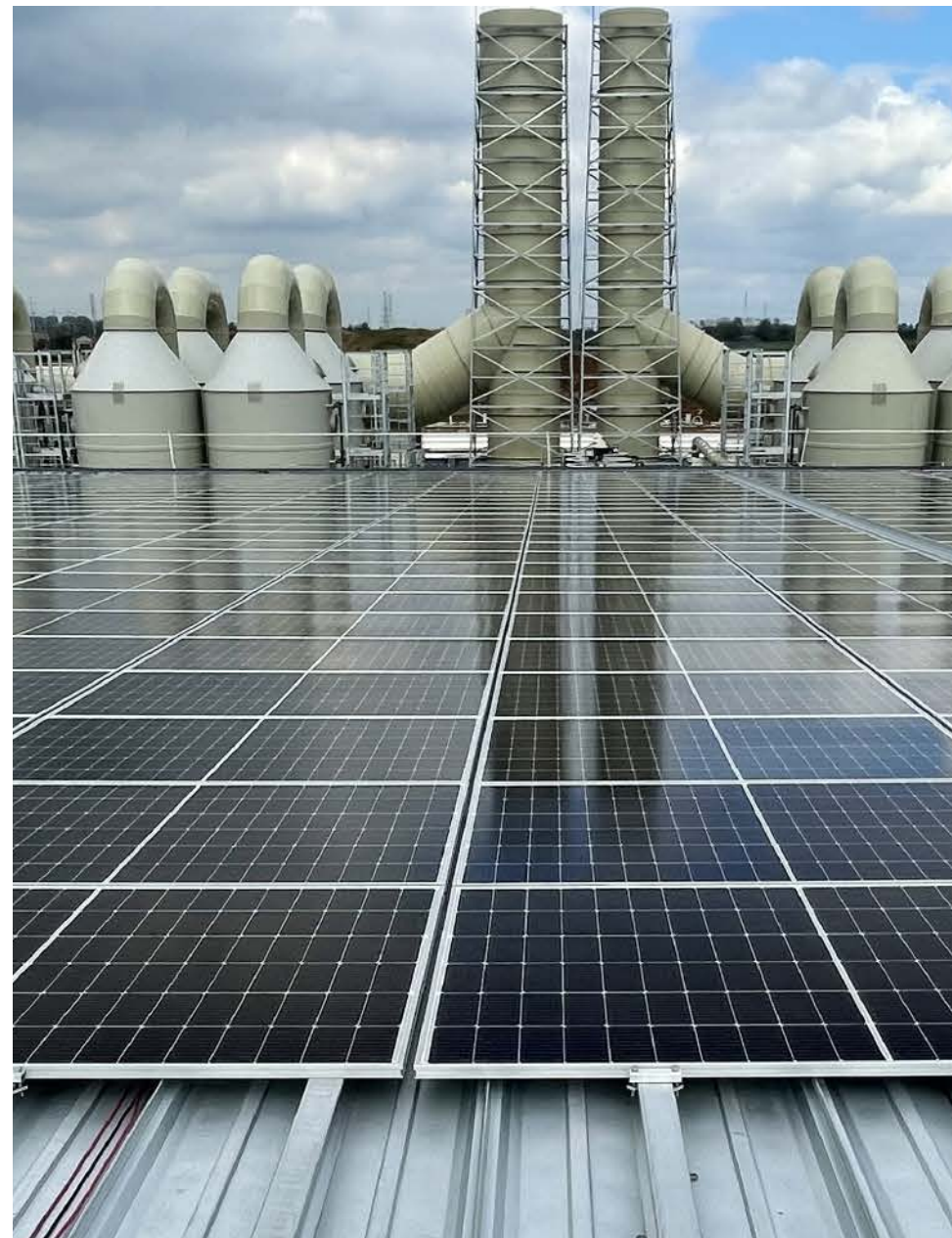
Product lifecycle management



The Company has established a full-lifecycle green management system covering product production, application and disposal. While prioritizing green production and application, the Company also focuses on the environment-friendly disposal and resource recycling of PV products at the end of life. Scrapped panels generated at the end of PV products' lifecycle contain heavy metals such as lead and tin, which may cause severe soil and water pollution if disposed of improperly. Meanwhile, materials such as copper, silver and silicon in the panels are of high value as they can be reused in PV product manufacturing, saving rare mineral resources and promoting a value-driven circular economy.



To achieve the professional and environment-friendly disposal of scrapped modules, the Company has signed an in-depth cooperation agreement with PV Cycle in Europe. End-of-life PV modules will be collected and recycled through hundreds of branches of PV Cycle across Europe, covering countries including Italy, France, Germany, UK, Poland and Spain. The Company will further expand its service scope in the future, making the recycling of PV products possible in more regions and truly realizing circular development and efficient utilization of resources.



Intellectual Property Management

Intellectual property management has long been a priority of EGING PV since its inception. The Company has built a comprehensive system covering intellectual property creation, application, management and protection, and promoted the deep integration of the intellectual property strategy with operation and R&D strategies, providing solid support for the implementation of core technologies, product innovation and upgrading, as well as market expansion. In 2025, the Company further refined its intellectual property management system, drove the development and commercialization of high-value patents, and improved incentive and protection mechanisms. As a result, its overall competitiveness in intellectual property and industry influence have been further enhanced.



Organizational and strategic synergy

The Company has established an intellectual property management structure, set up a dedicated intellectual property office staffed with multiple intellectual property engineers, directly led by the General Manager, and closely collaborating with various functional departments to ensure efficient intellectual property management. In recent years, EGING PV has incorporated intellectual property protection into the core scope of its ESG work, realizing the coordinated advancement of intellectual property management and the Company's overall strategy. A management framework featuring "senior management attention, dedicated personnel responsibility, and full-staff participation" has taken shape, ensuring that intellectual property management runs through the entire processes of R&D, production and marketing.

Institutional building and standardization

The Company continuously advances the standardization of intellectual property management, and has established a sound institutional framework through years of development. The Company passed the certification of its intellectual property management system in 2013; was named as an Advanced Model Enterprise for Standard Intellectual Property Management of Jiangsu Province in 2014; undertook the Enterprise Intellectual Property Strategy Promotion Program of Jiangsu Province in 2015; and was selected for the High-Value Patent Cultivation Program of Jiangsu Province in 2016. Through the development of a series of systems and the implementation of demonstration projects, the Company has continuously optimized the lifecycle management processes and standards for intellectual property that cover application, examination, grant, commercialization and protection, laying a solid institutional foundation for the orderly progress of intellectual property management.



Industry-academia-research institute collaboration

EGING PV actively fosters high-value patent cultivation platforms. In 2016, the Company launched the Demonstration Center for High-Value Patent Cultivation of High-Efficiency Crystalline Silicon Cells and Systems jointly with Hohai University, leveraging the latter's scientific research resources and technological strengths to enhance patent quality. Based on high-end research platforms such as the International Science and Technology Cooperation Base and the postdoctoral research station, the Company carries out international science and technology cooperation projects and major scientific and technological achievement commercialization projects, focusing on tackling the key pain points of the PV industry, and providing sustained technical support for the generation of high-value patents. Through collaborative innovation with academia and research institutions, the Company has successfully transformed a number of research outcomes into patented technologies, achieving synergy between intellectual property and industrial development.

Incentive and protection mechanisms

The Company has revised and implemented the Management Measures for Intellectual Property Rewards, clarifying reward standards for various stages including patent application, granting and commercialization. It has significantly increased rewards for core patents, and recorded patent achievements in employees' technical and professional files as an important basis for the appointment and promotion of technical positions, to fully motivate innovation enthusiasm among all staff. Mechanisms for patent invalidity warning, infringement monitoring and dispute resolution have been in place, comprehensively safeguarding the legitimate intellectual property rights and interests of the Company.

Intellectual property-related accolades

For its outstanding performance in intellectual property management, cultivation and protection, the Company has won a number of authoritative accolades, which demonstrates its leading position in the industry. These accolades include the "Jiangsu Province Key Cultivation and Development of International Famous Brand", "National Intellectual Property Advantage Enterprise", "The Fifth Batch of Enterprises for Changzhou Foreign Trade Patent Protection Action", "The First Batch of Enterprises for the Overseas Trademark Protection Key List of Jiangsu Province", among others.



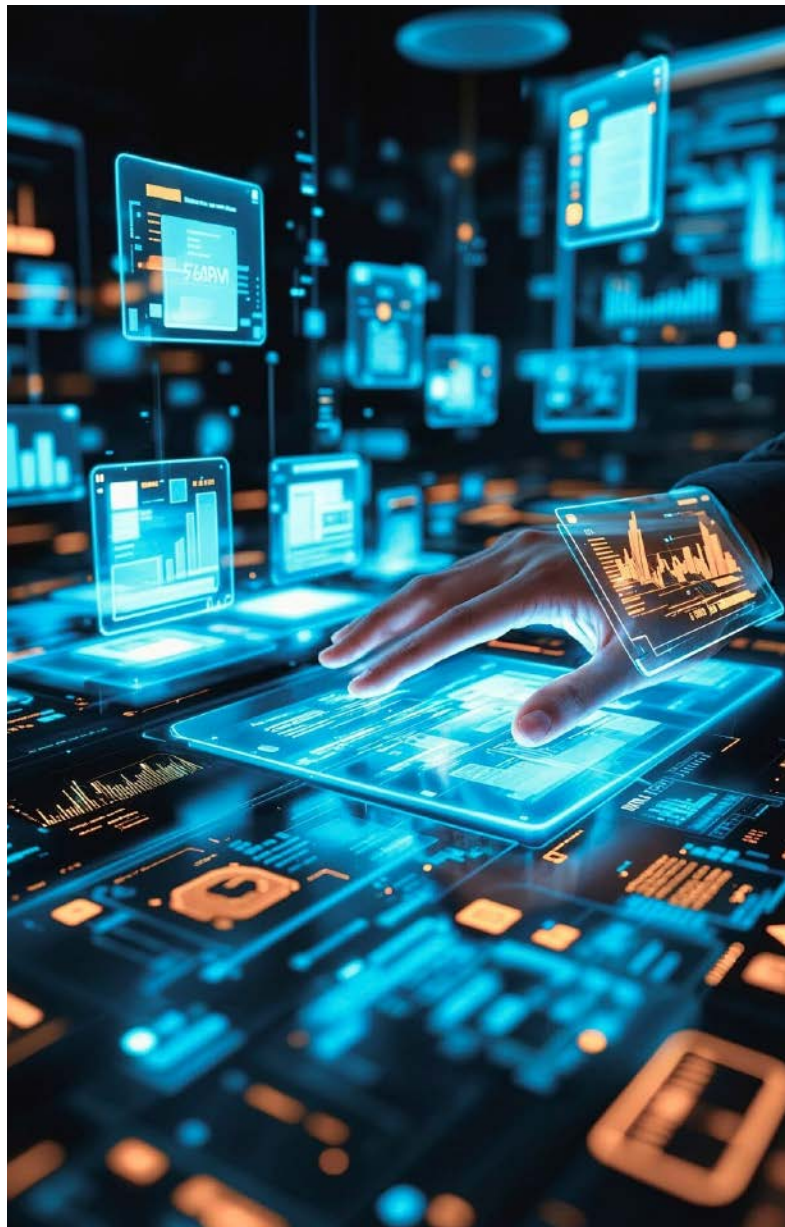
Some patents of EGING PV



Some certifications of EGING PV

Digital Construction

Taking digital and intelligent transformation as a core path to high-quality development, EGING PV initiated the construction of its ERP system in 2016 and put forward an integrated MES+ERP management strategy in 2022, gradually integrating isolated systems into a single platform. In 2024, the Company completed acceptance of its intelligent, integrated manufacturing system and was recognized as an intelligent manufacturing factory in Jiangsu Province, achieving a major breakthrough in digital construction. In 2025, EGING PV continued to deepen its digital and intelligent transformation, consolidating existing achievements, further applying digital technologies in the entire process of production, management and operation, enhancing information-based and intelligent operations, and empowering the upgrade of the entire PV manufacturing chain with digital and intelligent solutions.



Integrated management system

EGING PV steadily advances the upgrade of its information systems. In 2024, the Company completed acceptance of its integrated intelligent manufacturing system project, realizing seamless connection of three MES systems across three workshops. This marked that the Company's information infrastructure development officially advanced from ERP 1.0 to ERP 2.0, with the synergy efficiency of core management systems improved substantially. During project implementation, the Company sorted and standardized more than 20 core business processes, including R&D work order management, OEM product repurchase, quality inspection, and work order settlement within the same month. The Company also applied modularized design to businesses lacking defined processes or clear responsibilities, achieving the precision and transparency of business data and bolstering the foundation for digital management at institutional and system levels.

In 2025, the Company continued to optimize and implement the MES+ERP integrated management system. The innovative dual-cost accounting model delivered sustained benefits, enabling precise cost control down to each module and each watt of power, while supporting multi-dimensional and multi-level analysis, control and warning for order costs, quotation costs, etc. This provides core data support for refined operation, cost reduction and efficiency improvement, and helps integrate digital management deeply into the entire operation process.

Intelligent factory and workshops

▶ Intelligent factory



In June 2024, EGING PV was put onto the List of Certified Intelligent Manufacturing Factories of Jiangsu Province in 2024 as an "intelligent factory of PV cell modules", marking that the Company ranks among the best in the intelligent PV manufacturing industry. Built on an industrial internet platform, the intelligent factory comprehensively adopts data collection and analysis technologies, and integrates information management systems for production, operation and management stages, realizing the real-time, accurate and effective collection, transmission and storage of data about raw materials, processes, production, equipment and energy consumption.

Leveraging big data technology to explore deep production insights, optimal operating conditions and robust control frameworks, the factory has built an intelligent management system covering 10 phases and 24 application scenarios, including planning & scheduling, production operations, warehousing & logistics, equipment management, quality control, safety control and energy control. By enabling deep optimization across all layers of the manufacturing system and excellence in full-process operations, the factory has continuously played a demonstration role in high-end intelligent manufacturing.



▶ Intelligent workshops



As the core vehicle for digital construction, the intelligent workshops have achieved the routine and stable application of various intelligent and digital functions, boosting production efficiency and management precision across the board with prominent core capabilities.



Full-scale networking of intelligent equipment

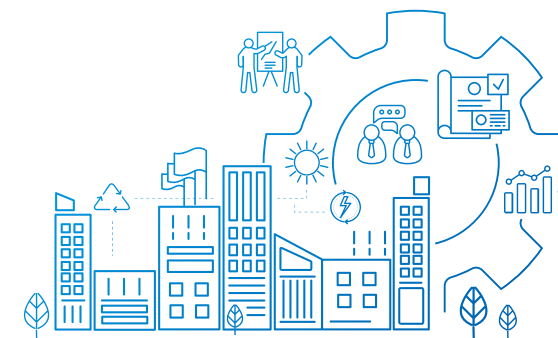
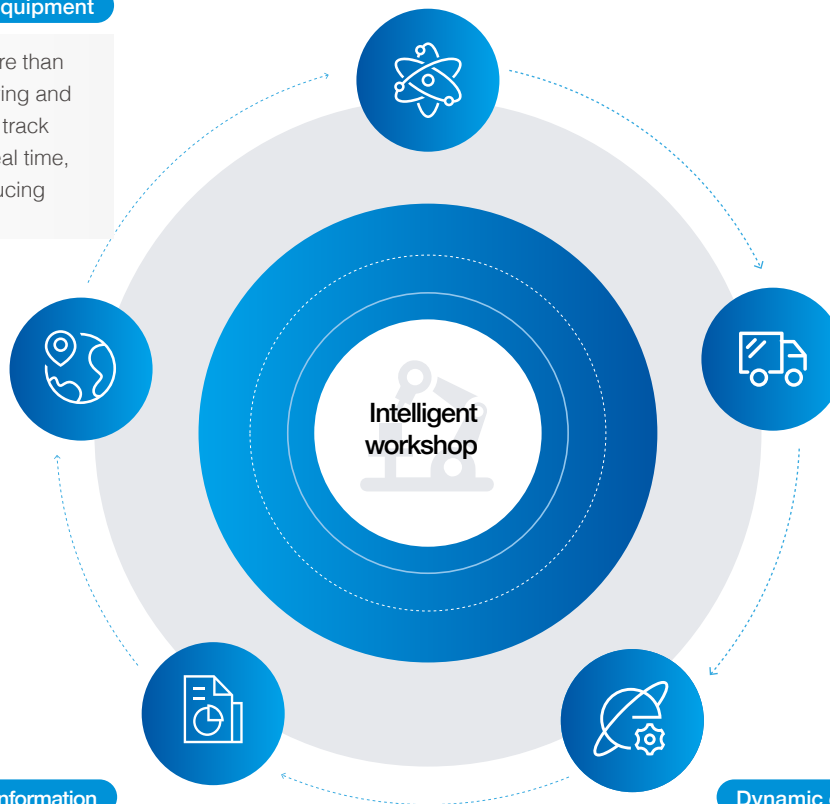
With an intelligent workshop equipment networking rate of more than 90%, the MES system conducts full-process real-time monitoring and online management on data-collection-enabled equipment to track equipment operation, fault alerts and maintenance status in real time, effectively improving equipment utilization efficiency, and reducing losses from unplanned downtime.

Intelligent management and control of energy consumption

The MES system collects production energy consumption data in real time, and summarizes and analyzes the data to generate visual reports, facilitating managers to conduct trend analysis and comparative analysis of energy consumption indicators, and timely tapping into energy-saving potential. Monitoring equipment for temperature, humidity, and environmental indicators are installed in workshops to upload the data to the environmental monitoring system in real time, realizing intelligent and visual management and control for safety and environmental protection.

Full-process traceability of production information

The MES system establishes a unified coding system to ensure unique identification across all production stages. It enables accurate tracking of raw material sources, production procedures, equipment operations, and quality inspection results at any stage of the entire production process, providing efficient data support for quality traceability and abnormality investigation.



Precise distribution of production materials

The WMS system realizes visual warehouse management, and intelligently delivers workshop materials through AGV automatic equipment and information technology. The AGV scheduling system plans optimal routes in real time based on material demands from the MES system. Leveraging both information technology and barcode technology, the integrated systems achieve efficient, controllable and traceable management of the entire logistics process.

Dynamic control of production process

The ERP system formulates standardized production plans, and synchronously transmits production orders and monthly plans to the MES system. The MES system intelligently allocates production orders based on the number of work orders, personnel allocation, equipment capacity and material inventory, realizing real-time monitoring and dynamic adjustment of production progress, quality indicators and process parameters.

In-depth integration of digital technologies

EGING PV continuously advances the in-depth integration of digital technologies including 5G, industrial internet, big data and artificial intelligence into photovoltaic manufacturing, establishing a full-process intelligent production system. As a "national 5G factory", the Company applies 5G technologies in scenario-based operations covering production, warehousing and logistics, as well as inspection and monitoring, delivering high-speed, stable network support for equipment networking, data transmission and remote control. AI visual inspection and digital traceability systems are deployed at production sites in coordination with MES and ERP systems, achieving full-process digital control from raw material receiving to finished product outgoing. This practice effectively enhances product inspection efficiency, product yield and full-lifecycle quality traceability.

Digital technologies are integrated to embed innovative concepts in workshop technological reforms and corporate operation and management. This approach effectively optimizes production processes, improves production efficiency, and reduces operating costs, thereby achieving coordinated development between digital and intelligent technologies and photovoltaic manufacturing.



Achievements in digital construction

With sustained technological investment and practical results delivery, the Company has been awarded multiple authoritative honors in digital and intelligent fields as of 2025, including the "National 5G Factory", the "Intelligent PV Pilot Demonstration Enterprise of the Ministry of Industry and Information Technology", the "AA-Level Enterprise of Information Technology and Industrialization Integration", the "Intelligent Manufacturing Factory in Jiangsu Province", the "Intelligent Manufacturing Demonstration Workshop in Jiangsu Province" and the "Five-Star Cloud Enterprise in Jiangsu Province". These accolades demonstrate the Company's leading position and core strengths in the digital and intelligent transformation of the photovoltaic industry.



Empowered by digital and intelligent systems, the Company substantially improved the refined and standardized management in production and operations, with higher product yield and manufacturing efficiency, and reduced operating costs. The practical benefits of digital construction are fully realized, injecting strong impetus into the Company's sustainable development.

Joint Industrial Development

Product Quality and Safety

Customer Service

Supply Chain Management

04



Product quality and safety

Construction of quality management system

EGING PV integrates quality management requirements across the entire process of product R&D, manufacturing and after-sales service, and consistently maintains and implements the standards of the ISO 9001:2015 quality management system. The system comprehensively covers all business procedures from raw material procurement, manufacturing to product delivery, ensuring systematic, standardized and unified quality management. In addition to its own system criteria, the Company strictly abides by the standards of International Electrotechnical Commission (IEC). For core products including photovoltaic cells and modules, we have formulated internal control standards higher than industry norms. With these high-standard institutional regulations, the Company elevates the quality control threshold, and consolidates the institutional foundation for stable product quality.

The Company deeply embeds quality requirements into all production and operational stages, building a full closed-loop management system spanning quality prevention, in-process control and outcome traceability. Specifically, we control raw material quality at the source, strengthen in-process production control, and improve post-delivery quality traceability, providing customers with reliable, high-quality products and stable services.

Development of quality culture

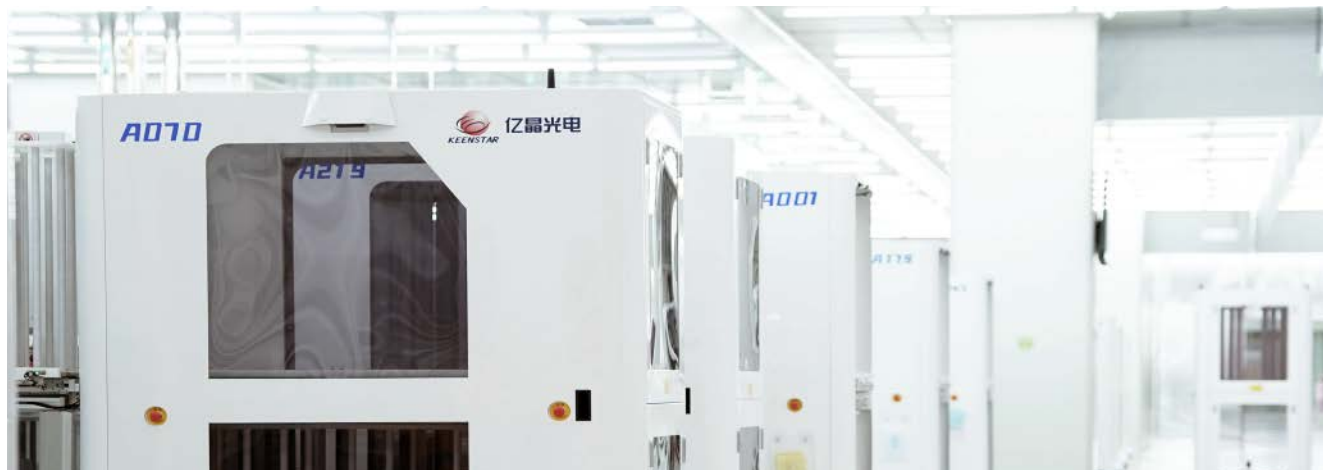
The Company attaches great importance to the development of quality culture, and fosters a sound atmosphere where all employees value, participate in and assure quality through multi-dimensional measures, integrating quality culture into every aspect of daily work. On the one hand, we organize systematic training for all employees on the ISO 9001 quality management system, the standards of International Electrotechnical Commission (IEC) and our internal standards, enhancing their professional expertise in quality management procedures, specifications and methods, as well as overall quality awareness across the workforce. On the other hand, we deeply embed the philosophy that "quality is our lifeblood" into corporate values, converting quality control from institutional requirements into employees' conscious behavior.

To better implement the quality culture, the Company has launched the "Quality Improvement Initiative" to conduct targeted technical research and process optimization, focusing on industry-wide quality pain points. It has also established a full-employee quality point system to stimulate employees' initiative to engage in quality improvement activities, and encourage their active participation in QC group activities. In 2025, we collected over 200 internal quality improvement proposals, steadily fostering a quality culture in which "everyone is a quality guardian". The Company has extended quality improvement practices from specialized departments to all business segments, embedding quality improvement ideas and initiatives in R&D, production, quality control and other operational stages.



Daily quality management

In daily quality control, EGING PV deeply integrates standardized procedures with intelligent control in line with the "Three Strict" management principles, achieving refined and regular quality management from the source of supply chains to production process.



Strict supplier access

The intelligent supply chain management system is adopted to conduct dynamic assessment and full-lifecycle management of suppliers, and select high-quality suppliers at the source, ensuring that 100% of key raw materials pass the IEC reliability test. This guarantees the stability of raw material quality, and avoids quality risks from the source of supply chains.



Stringent production process

Automated testing equipment is deployed in production to collect real-time data and release abnormality warnings for key procedures such as cell welding and junction box welding. It also identifies and resolves potential quality risks in a timely manner, realizes early detection and prompt handling of quality issues in critical procedures, and reduces production quality deviations, achieving precise control over the entire production process.



Rigorous Testing and Verification

Our professional testing and verification center conducts multi-dimensional and full-scenario tests for all products. Performance tests are carried out based on simulated application scenarios to ensure delivered products meet quality standards in performance, prevent non-conforming products from entering the market, and guarantee consistent product quality in compliance with specification requirements.

Laboratory development

EGING PV established a module testing laboratory on May 1, 2007. As the core quality testing hub for the Company's photovoltaic products, the laboratory conducts full-process tests on module raw materials and finished photovoltaic modules. With professional testing capabilities and technical expertise, it provides core technical support for product quality control and serves as a critical verification platform for product quality across the Company. Equipped with over 100 professional testing devices and instruments, the laboratory delivers comprehensive testing capacity covering 20 major test items and 96 minor test items, including module IV test, module reliability test, new material introduction test, and sampling inspection for ordered products.

In October 2011, the laboratory was granted the national laboratory accreditation certificate by China National Accreditation Service for Conformity Assessment, marking that its testing capabilities fully comply with ISO/IEC 17025 and CNAS-CL01 requirements. Meanwhile, it acts as a TDAP laboratory of VDE Testing and Certification Institute as well as a TMP witness laboratory of TÜV Rheinland. Equipped with 3A+ class simulators, the laboratory obtained a "Satisfactory" rating in key optoelectronic performance proficiency testing for photovoltaic modules, with its testing scope fully covering reliability tests specified in core international standards including IEC 61215, IEC 61730 and IEC 61701.

Product safety and reliability management

EGING PV has established a product safety and reliability assurance system across multiple dimensions such as testing specifications, procedure control, and R&D design. The Company has developed a complete management system and supporting documents for laboratory reliability testing, including the Management Rules for Laboratory Testing Procedures, to standardize testing procedures at the institutional level, ensuring the accuracy and authoritativeness of testing results. In terms of product reliability management, all product tests strictly comply with international standards IEC 61215 and IEC 61730, guaranteeing that product performance meets the professional criteria of the International Electrotechnical Commission (IEC).

Throughout the entire process of product R&D and mass production, the Company optimizes product design schemes with Design Failure Mode and Effects Analysis (DFMEA), and monitors production procedures through Process Failure Modes and Effects

Analysis (PFMEA) and quality control plans, realizing proactive prevention and control of product quality risks. Quality hazards are mitigated from both design and production perspectives, effectively reducing and eliminating quality risks in R&D and manufacturing. Meanwhile, all R&D projects strictly comply with the IEC 62941 standard for standardized management, safeguarding product safety and reliability at the source of R&D activities.

We always uphold the technical and quality philosophy of "technological innovation as the soul, product reliability as the lifeblood". Before market launch, all products undergo a full set of stringent performance verification tests covering environmental adaptability, mechanical properties, optoelectronic performance and other key dimensions. These multi-dimensional and full-scenario tests ensure excellent product reliability. Boasting industry-leading technology, we secure sustained customer trust with consistent, stable product quality.

Digital quality management upgrades

To adapt to the high-quality development trend of the photovoltaic industry, EGING PV actively boosts the digital and intelligent transformation of quality management. With advanced technical means, the Company enhances the efficiency and accuracy of quality control, realizes AI-driven intelligent innovation in quality management, and builds a digital quality management and control system.

Full coverage of AI visual inspection

The visual inspection system based on deep learning algorithms is fully deployed across production lines to conduct automated, high-precision inspections of cell strings, module EL, and junction box welding quality, keeping the product inspection omission rate below 0.02%. In place of the subjective and limited manual inspection, the system boasts unified inspection standards and precise test results, greatly enhancing overall inspection efficiency and accuracy.



Intelligent production equipment monitoring

The MES system conducts real-time monitoring of all key production equipment across production lines. It features the early warning function for critical quality indicators to capture abnormal production data instantly and push early warning notifications. This allows for early identification and timely resolution of quality risks, and effectively lowers the rework rate of key procedures such as cell stringing and lamination, enhancing quality control efficiency in production. In addition, the system facilitates sustained optimization and overall improvement of product yield, delivering coordinated progress in both quality and production efficiency.



Product traceability management

EGING PV has established a full-lifecycle quality traceability mechanism covering product design, raw material procurement, manufacturing, delivery, and operation and maintenance. Leveraging digital technologies, the Company connects quality data chains across the entire product lifecycle, making quality data at all stages interconnected, retrievable and traceable. Under the digital traceability system, we collect, record and analyze full-process production data to achieve comprehensive monitoring, accurate tracking and rapid backtracking of raw materials, production processes, after-sales services and other key stages.

► Raw material and OEM processing traceability

Before raw materials are put into production, their unique identification and detailed records are assigned via barcodes, RFID and other technical means. Key information such as batch information, production time and supplier qualifications is precisely retained, ensuring the quality traceability of each batch of raw materials. This consolidates quality control at the front end of the supply chain, and realizes traceable sourcing of raw materials.

► Production traceability

Production plan

Standardized production plans and production instructions are formulated through the ERP system to define production processes and procedural requirements. Production instructions are digitally transmitted to the MES system, achieving efficient delivery and accurate execution. This prevents quality issues caused by non-standard procedures, and ensures standardized production procedures.

Digital traceability monitoring

The MES system conducts real-time monitoring of all production procedures, uploads collected production data to the database in real time, and fully records and tracks product information at all production stages, achieving full-process monitoring and traceability of product quality. Meanwhile, it monitors equipment status, production progress, quality indicators, process parameters and energy consumption data, and adjusts production strategies and process parameters in a timely manner. In this way, each production stage is backed by data records, standardized specifications and abnormality traceability, making production procedures stable and reliable.

Product packing and warehousing

The MES system accurately records product carton code information, including outgoing data, outgoing types, and product grades, and conducts real-time statistics on outgoing status of each batch of products. It achieves traceable product flow from production workshops to the market end, and accurately captures product logistics and delivery information, providing complete data support for product flow traceability.

► After-sales product traceability

Upon receiving customer complaints or product issue reports, the Company promptly records relevant information such as product model, purchase date and issue description. Based on the product's unique identification code or batch data, we quickly retrieve full-process production data to accurately locate problematic production stages. In-depth analysis is conducted on problematic stages to summarize lessons, and improvement measures are applied to product design, production procedures and after-sales services, forming a closed-loop management system for quality improvement. Through continuous rectification and process optimization, we steadily enhance product quality, and strengthen customer trust in our products.



Customer services

EGING PV always prioritizes customer demand at its core. Through years of on-site practice, the Company has established mature after-sales service mechanisms and procedures, securing outstanding after-sales service strengths in the competitive photovoltaic market, particularly in proactivity and timeliness of issue resolutions. In 2025, we maintained the five-star certification under the Evaluation System After-sales Service of Commodity (GB/T 27922-2011). Upholding the service philosophy of "quality priority, customer supremacy, management focus, continuous improvement", the Company delivers full-lifecycle after-sales service support for solar modules, earning wide recognition from global clients with professional and high-efficiency services. In 2025, the after-sales team completed nearly 2,900 business trip days in total, with per capita business trip days exceeding 150. With regard to service performance, the overall customer satisfaction score reached 96%.



The after-sales team completes nearly

2,900 business trip days



Per capita business trip days exceeds

150



Customer satisfaction

96%

Establishment of after-sales service system



EGING PV has built an after-sales service framework with clear rights, responsibilities and job divisions, forming a coordinated after-sales service management system across all departments. The After-Sales Service Department, as a core executive body, undertakes full-process after-sales tasks including module arrival acceptance, inspection, on-site maintenance, technical disclosure and liability confirmation for complaints. To further standardize after-sales service management, the Company has compiled the After-Sales Service Manual in accordance with the GB/T 27922-2011 standards. As a guiding document for after-sales tasks, the manual clarifies service procedures, responsibility allocation, work specifications, management rules and maintenance plans, providing solid institutional support for the standardized and regulated delivery of after-sales services.

Meanwhile, the Company has set up an experienced and professional after-sales service team. All team members boast rich experience in the photovoltaic industry, with an in-depth insight into product features and maintenance procedures. Professional after-sales managers are appointed to conduct daily management and guidance, providing a solid foundation for professional and efficient after-sales services as well as regular on-site technical support.

After-sales service guarantee



EGING PV has developed a "24/7/365 seamless after-sales service" system, as well as a three-in-one technical support and service response system covering telephone, remote and on-site services. In addition, the Company operates an after-sales service hotline and dedicated service email to ensure 24-hour response. For customer emergencies, we provide remote technical support via the internet. For on-site matters, professional personnel are dispatched to the site within the agreed time to ensure timely and efficient resolution.



Customer relationship management

EGING PV has established comprehensive customer opinion collection and complaint handling mechanisms. The Company gathers customer feedback on products and services through multiple channels, including satisfaction questionnaires, customer complaint hotlines, suggestion boxes and consultation letters. The After-Sales Service Department assigns dedicated personnel to coordinate and handle customer complaints. After review and approval by relevant responsible leaders, we promptly deliver the handling results to customers, ensuring proper settlement of all complaints.

The Company regards customer satisfaction as the core criterion for service performance. Adhering to the principle of active follow-up visits, it regularly conducts quality and customer return visits to track and investigate service processes and outcomes, with a timely insight into customer demand and service experience. Meanwhile, we regularly collect and summarize data such as sales performance, customer opinions and employee suggestions for qualitative and quantitative analysis. In response to customer feedback, timely corrective and preventive measures are formulated to continuously optimize service procedures and improve service practices. This drives steady improvements in product and service quality, and further deepens long-term partnerships with customers.



Supply chain management

EGING PV commits to building a green, compliant and sustainable supply chain system, and implements full-lifecycle management for suppliers in a scientific and effective management mode covering supplier onboarding, assessment, review and exit. In 2024, the Company was included in the official list of "Green Supply Chain Management Enterprises" issued by the Ministry of Industry and Information Technology. In 2025, we further embedded the concept of green supply chain management throughout procurement, production, logistics and other key stages of industrial chains in compliance with state-level standards for "Green Supply Chain Management Enterprises". In addition, we promoted collaborative development across upstream and downstream supply chains, and strengthened supplier oversight in quality, environmental protection and social responsibility, fostering high-quality and sustainable development of supply chains.

Full-lifecycle supplier management

In accordance with the Supplier Management Control Procedures and the New Material Introduction Control Procedures, the Company has established scientific and standardized full-lifecycle supplier control procedures. We conduct dynamic supplier rating through a supply chain management system, achieving refined supplier management from onboarding to exit.

Standardized onboarding procedures

The supplier onboarding strictly follows the procedures of "procurement application, technical review, sample submission, on-site review, sample testing, and inclusion in the qualified supplier list for trial production". Multi-layer screening ensures that newly onboarded suppliers meet the Company's production and operational requirements in terms of overall competence. In 2025, a total of 18 new suppliers were onboarded.

Newly onboarded suppliers

18

Multi-dimensional supplier performance assessment

The Company has established combined quarterly and annual supplier performance assessment mechanisms. We conduct comprehensive scoring for suppliers across 15 indicators covering four major dimensions, namely quality, delivery, trade security and services, and classify suppliers into three grades based on final scores: Grade A (90-100 points), Grade B (70-89 points) and Grade C (<70 points). Accordingly, we implement differentiated procurement strategies; that is, increased procurement shares for Grade A suppliers, stable procurement scale for Grade B suppliers, and targeted rectification requirements for Grade C suppliers.

Strict exit mechanism

The Company suspends procurement from suppliers rated Grade C for two consecutive quarters, and requires them to take rectification measures within a specified period. Those that still fail to meet standards after rectification are disqualified as suppliers, except for special circumstances involving customer-designated or exclusive supply arrangements. Suppliers with major non-compliance issues are directly blacklisted to mitigate supply chain quality, compliance and other potential risks at the source.



Supplier review and assessment

EGING PV conducts comprehensive supplier reviews and assessments in all dimensions to fully control suppliers' comprehensive capabilities, ensuring their compliance and stability across upstream and downstream supply chains. In 2025, the Company reviewed 31 suppliers, including 13 regular suppliers and 18 newly onboarded suppliers, with a 100% scheduled review completion rate.



Suppliers reviewed

31

Regular suppliers

13

Newly onboarded suppliers

18

Review completion rate

100%

Comprehensive capability review

Based on the Supplier Management and Control Procedures and the On-site Assessment Form for Suppliers, the Company conducts comprehensive supplier reviews covering 58 indicators across 13 major categories, including quality management system requirements, document and record control, safety and environmental protection, contract review, and training and education. We provide support to the rectification of all identified non-conformities, **with a 100% rectification completion rate.**

Social responsibility assessment

Based on the Social Responsibility Management Procedures for Suppliers, the On-site Social Responsibility Checklist for Suppliers and other systems, the Company conducts social responsibility reviews for suppliers against 13 indicators, including remuneration, working hours, working conditions, child labor/underage employees, and occupational safety and health. We carry out mandatory social responsibility assessments for newly onboarded suppliers, and require them to make social responsibility commitments. Suppliers with good social responsibility performance are granted procurement priority. In 2025, a total of five social responsibility reviews were completed, **with a 100% compliance rate in this review.**

Environmental compliance assessment

In 2025, the Company conducted a special environmental compliance assessment covering 31 suppliers, focusing on the formulation and implementation of their hazardous substance management procedures, ensuring the suppliers comply with government environmental regulations and the Company's customer requirements. According to the assessment results, all suppliers met local environmental protection standards, with their products passing RoHS/REACH tests, and 24 suppliers obtained the ISO 14001 Environmental Management System certification, **achieving a 100% compliance rate in this review.**

Compliant supplier management

» Commitment letter signing mechanism

EGING PV continuously strengthens supplier supervision, and defines compliant operation requirements by signing various documents for codes of conduct with suppliers. In 2025, all 31 reviewed suppliers signed the Trade Security Notification Letter, the Guarantee Letter on Non-use and Prohibition of Hazardous Substances, and the Statement Letter on Excessive Hazardous Substance Content. Furthermore, five suppliers under social responsibility review additionally signed the Anti-bribery Commitment Letter for Suppliers and the Social Responsibility Commitment Letter, achieving full coverage of supplier compliance commitments. According to the Social Responsibility Commitment Letter, suppliers are required to abide by local labor laws and regulations, prohibit child labor and forced labor, provide safe and healthy working environments, advance labor-management cooperation, eliminate discriminations, and arrange rational working hours, salaries and benefits, accept on-site social responsibility review from the Company, and promptly implement corrective and remedial measures for any non-compliant issues.

» Strict control of conflict minerals

The Company always adheres to avoiding the use of conflict minerals. We require cooperative suppliers to sign the Commitment Statement on Compliance with Non-Use of Conflict Minerals, which clearly prohibits the use of metals sourced from areas controlled by armed forces in the Democratic Republic of the Congo (DRC) and its surrounding countries in products or components delivered by suppliers. Additionally, we also require suppliers to establish a raw material traceability management system to effectively identify the sources of raw material metals, eliminate the use of conflict minerals, accept audits by stakeholders, and truthfully provide relevant investigation data on conflict minerals. These measures ensure the legality and compliance of the sources of raw materials in supply chains, and fulfill social responsibility at the source of supply chains.



Development of green supply chains

As a state-level green supply chain management enterprise, EGING PV continues to deepen its green supply chain management strategy, and integrate the concept of green development into all supply chain processes of procurement, design, production and logistics, achieving further optimization and upgrades in addition to the achievements made in 2024. In terms of raw material procurement, the Company gives priority to suppliers with environmental certifications and a high environmental compliance level to guarantee the green attributes of raw materials. During manufacturing, we adopt lean production modes to optimize production workflows, and reduce resource waste and environmental impacts throughout production. With respect to product design, the Company actively promotes ecological design, so that products deliver high performance, while facilitating recycling and reuse. Regarding sales and logistics, we continuously optimize logistics and distribution plans to lower carbon emissions during transportation.

Meanwhile, the Company steadily improves its green information platform and green information disclosure. We call on partners across upstream and downstream supply chains to jointly comply with green development requirements and build an environmentally friendly, resource-efficient and sustainable photovoltaic supply chain system, advancing the industry's carbon peaking and carbon neutrality goals through green supply chain development.

Corporate Governance

Corporate Governance System

Internal Control and Risk Management

Internal Audit

Business Ethics and Integrity Building

Information Security Management

05



Corporate Governance System

In strict compliance with applicable laws, regulations and regulatory requirements, including the Company Law of the People's Republic of China (hereinafter referred to as the Company Law), the Guidelines on the Governance for Listed Companies, and the Guidelines No. 1 of Shanghai Stock Exchange for Self-Regulation of Listed Companies—Standard Operation, EGING PV has established a modern corporate governance system to optimize institutional arrangements and standardize procedures, ensuring scientific decision-making, compliant operation and full protection of shareholders' rights and interests.

Optimized governance structure of the listed company



Core structure

In response to the core requirements of the Company Law, the Company has abolished the original Board of Supervisors, and transferred the latter's statutory powers such as financial inspection and duty fulfillment supervision to the Audit Committee of the Board of Directors. A governance structure consisting of "shareholders' meeting, the Board of Directors, special committees of the Board of Directors, and senior executives" has been established to streamline redundant procedures, and improve supervision and decision-making efficiency. Relevant structural adjustments have been reviewed and approved by the shareholders' meeting. The amended Articles of Association have been filed and disclosed on the Shanghai Stock Exchange, ensuring the compliance and legitimacy of the governance transformation.

Special committees

The Board of Directors has set up four special committees, namely the Strategic Development and ESG Committee, the Audit Committee, the Nomination Committee and the Remuneration and Assessment Committee. The working rules of each committee revised in August 2025 have been disclosed on the official website of the Shanghai Stock Exchange to clarify duty boundaries, meeting rules and decision-making procedures, facilitating "professional deliberation on specialized matters".





Audit Committee

The Audit Committee mainly undertakes core functions such as financial report review, supervision of internal and external audit institutions, verification of the fairness of related party transactions, and supervision of raised funds utilization. It submits special supervision reports to the Board of Directors on a quarterly basis, and conducts special assessments on internal control effectiveness and audit institution performance on an annual basis, ensuring the Company's financial compliance and asset security.



Strategy Development and ESG Committee

The Strategy Development and ESG Committee focuses on formulating the Company's long-term development strategy and conducting feasibility studies on major investment projects. It coordinates ESG strategic planning and the decomposition of annual objectives, integrating the concept of sustainable development into core business decision-making.



Nomination Committee

The Nomination Committee has established a standardized selection mechanism for directors and senior executives. It assesses candidates from multiple dimensions such as professional qualifications, industry experience and independence, aligning the core management team with the Company's development strategy.



Remuneration and Assessment Committee

The Remuneration and Assessment Committee formulates remuneration policies for directors and senior executives in alignment with the Company's performance and industry benchmarks. It has built an assessment system centered on "operational performance, compliant duty fulfillment and risk control", realizing a balance between incentives and restraints.

Meeting resolutions

In 2025, the Company convened various meetings in strict compliance with the rules of the Shanghai Stock Exchange. A total of five shareholders' meetings were held to deliberate on major matters including the amendment of the Company's Articles of Association, the reappointment of financial and internal control audit institutions, and director remuneration. Six meetings of the Board of Directors were convened to discuss key topics such as the election of the Chairman of the Board of Directors, the appointment of members of special committees, and the remuneration of senior executives. Special committees held eight meetings in total to review the formulation of corporate development strategies and annual business plans, financial matters, as well as remuneration schemes for directors and senior executives. All meeting minutes are completely filed, with relevant resolution announcements duly disclosed on the Shanghai Stock Exchange. Shareholders' meetings adopt a combined voting mode of online and on-site participation. Voting opinions of minority shareholders are separately counted and publicly announced, fully safeguarding shareholders' right to participation and right to information.



Shareholders' meetings

5

Meetings of the Board of Directors

6

Meetings of special committees

8次

Construction of the Board of Directors

Guided by the principles of "business adaptability, supervisory checks and balances, and complementary expertise", EGING PV has built a diversified board structure. Board members boast professional backgrounds covering core fields such as law, finance and professional technology, delivering comprehensive professional support for the Company's strategic decision-making, financial compliance and efficient operation. The proportion of independent directors complies with the requirements of the Management Measures for Independent Directors, with full independence of all independent directors. During the Reporting Period, they provided professional and objective suggestions for the Company's operation and development, exercising effective checks and balances on internal management, and safeguarding the legitimate rights and interests of minority shareholders.

Information disclosure and investor relations

▶ Information disclosure

The Company has formulated the Information Disclosure Management System, clarifying the responsibility boundaries of information disclosure obligors and disclosure procedures. In 2025, we completed a total of 142 information disclosures on the Shanghai Stock Exchange, including announcements, internal systems and official documents, with no false records, misleading statements or material omissions.



Information disclosures

142

▶ Investor Relations

The Company has established a multi-dimensional communication mechanism covering "SSE E-interactive platform, earnings conference and daily communication". In 2025, we held one earnings conference, and responded to 28 investor questions via the SSE E-interactive platform. All relevant communication records are retained on the SSE E-interactive platform, effectively protecting investors' right to information and right of communication.



Investor questions responded

28



Internal Control and Risk Management

In strict accordance with the requirements of laws and regulations including the Basic Standards for Enterprise Internal Control, the Guidelines for Internal Control of Listed Companies, and the Company Law, EGING PV has established a full-process internal control and risk management system, with the core objectives of "compliance first, controllable risks and efficient operation". Standardized systems, process-based control and dynamic monitoring deliver solid assurance for the Company's stable and sustainable operation.

Establishment of internal control system

Centering on core elements including control environment, control activities, information and communication, and internal supervision, the Company has built an internal control structure that covers all functional departments horizontally and extends from the decision-making level to the execution level vertically.



Control environment

Internal control and compliance are incorporated into the core content of corporate culture. The Audit Committee of the Board of Directors leads the design, assessment and optimization of the internal control system, clarifying the division of internal control responsibilities among the decision-making, management and execution levels. A mechanism of qualification review, regular job rotation and departure audit is implemented for key positions to ensure independence and professionalism in job performance. An internal control accountability system is established to include the implementation of internal control in the performance assessment of departments and individuals.

Control activities

For core functional departments, standardized internal control procedures are formulated to achieve in-depth integration of business processes and internal control requirements.

 Procurement management	>> A closed-loop process from supplier access assessment, procurement demand approval, order execution monitoring, to acceptance inspection and payment review is established to clarify key review points and authority of each department, ensuring compliant procurement activities and controllable costs.
 Production and operation	>> Internal control standards are formulated for key stages such as production planning, process control, quality inspection, and safety management. Daily operations are standardized through process sheets and system verification to prevent production deviations and safety risks.
 Financial management	>> Financial workflows including accounting, capital payment and financial statement preparation are standardized. Large-sum capital payment is subject to multi-level approval and cross review. Financial statement preparation follows three-level review procedures of drafting, review and final approval, ensuring the authenticity and accuracy of financial data.
 Investment and project management	>> For major investments, engineering projects and other material matters, a full-process internal control system covering project initiation demonstration, decision approval, implementation monitoring, and acceptance review is established to prevent investment errors and project risks.
 Asset management	>> The acquisition, custody, utilization and disposal of fixed assets, inventory and intangible assets are standardized in asset management. Regular asset inventory counts are conducted to ensure the security and integrity of corporate assets.

Information and communication

An internal information sharing platform for internal control is established to realize online circulation of internal control procedures, automatic early warning at key nodes, and real-time exchanges of business data. Employee feedback, inter-departmental coordination and cross-level information transmission mechanisms are built to ensure top-down and bottom-up transmission of internal control deficiencies and improvement suggestions, fostering an internal control improvement atmosphere with full employee participation.

Internal supervision

Under a supervision system of "daily self-inspection, special supervision, and annual assessment", all functional departments conduct regular self-inspections for internal control to promptly identify and rectify implementation deviations. The Internal Audit Department conducts special supervision for high-risk functions on a quarterly basis, focusing on the effectiveness of internal control implementation. In collaboration with external audit institutions, it carries out an annual comprehensive assessment of internal control effectiveness, with assessment results disclosed externally after review by the Audit Committee. Identified internal control deficiencies are graded for classified management, and a rectification ledger is established to clarify responsible entities, corrective measures and completion deadlines. Upon completion of rectification, follow-up verification is performed for closed-loop management.

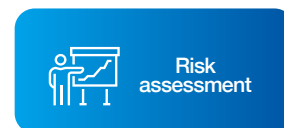
Full-cycle risk management mechanism



Risk identification



A risk identification mechanism featuring "full employee participation and multi-level collaboration" is established to cover core internal and external risks. External risks focus on changes in policies and regulations, adjustments to the market competition landscape, macroeconomic fluctuations and supply chain stability. Internal risks center on financial, operational, compliance and fraud risks, as well as key resource loss.



Risk assessment



A combined approach of qualitative analysis and quantitative assessment is adopted to evaluate the likelihood and impact extend of risk occurrence, and classify risk levels. Unscheduled special risk assessments are conducted for high-risk areas to dynamically update the risk list, ensuring comprehensive risk identification with no omissions.



Risk response



Differentiated response strategies are formulated for risks at varying levels to build a full-process control system covering early warning, response and disposal. For high-risk matters, a dedicated control mechanism is set up for proactive prevention and control through institutional constraints, process optimization and resource support. Meanwhile, emergency plans and regular emergency drills are deployed to enhance risk disposal capabilities. For medium and low-risk matters, regular standardized management is carried out through indicator monitoring, regular inspections and process optimization to maintain risks within acceptable limits.



Risk monitoring



A risk monitoring platform is built with defined key risk indicators to track their changing trends in real time. Early warning thresholds are set for core indicators, with early warning information automatically dispatched to relevant departments and the management team once thresholds are triggered. Relevant departments provide feedback on risk causes and response measures within a specified time limit, forming a dynamic closed-loop management covering early warning, analysis, disposal and feedback. Regular risk management reports are compiled to summarize monitoring status, response outcomes and hidden dangers, and submitted to the Audit Committee of the Board of Directors for review, providing decision-making support for the optimization of risk control strategies.

Internal Audit

As an independent supervisory body, the Internal Audit Department reports directly to the Audit Committee of the Board of Directors. It upholds the principles of "independence, objectivity and impartiality", and focuses on risk-oriented audits in key areas such as internal control implementation, compliant operation and asset security, playing a role in supervision, assurance and risk early warning.

Internal audit organization and duties



Organizational structure and independence assurance

The Internal Audit Department is independent of the operation and management system. Its person-in-charge is nominated and appointed by the Audit Committee of the Board of Directors, with compensation and performance assessment free from the intervention of the management team. Audit funds are allocated separately to free audit work from resource constraints. Auditors boast multidisciplinary professional backgrounds including finance, auditing, law, and management, and regularly participate in professional training and qualification certifications to continuously improve their professional capabilities.

Internal audit work

Based on risk assessment results, the Internal Audit Department formulates the annual audit plan, focusing on the following key tasks:



Internal control effectiveness audit

The internal control effectiveness audit covers core functional processes such as procurement, production, finance, investment and human resources. By reviewing institutional documents, interviewing relevant personnel, sampling business documents and testing process execution, the department evaluates the rationality of internal control design and the implementation effectiveness, focuses on identifying internal control deviations in high-risk processes, and compiles special audit reports to clarify deficiency levels and rectification requirements.



Special-purpose audits

Major Investment And Engineering Project Audit

Full-process audits are conducted on project approval, fund utilization, implementation progress and compliance of major investment and engineering projects to identify deficiencies in decision-making procedures, fund misappropriation, and schedule delays, ensuring standardized project operation.

Related party transaction audit

The related party transaction audit is conducted to verify the completeness of related party identification, the fairness of transaction pricing and the compliance of decision-making procedures to prevent disguised related party transactions, improper benefit transfer, and other risks.

Raised funds utilization audit

The custody, utilization and management of raised funds are tracked to verify whether such funds are used strictly in line with approved fundraising purposes, and to detect illegal lending or misappropriation, ensuring exclusive fund use for designated purposes.

Financial audit

Financial revenues and expenditures, accounting practices, and financial statement preparation are audited to verify the authenticity and compliance of financial data, and identify financial fraud risks.

Integrity and fraud audit

Regular audits are conducted in high-risk integrity areas such as procurement, bidding and sales to identify fraud clues. Reported clues are reviewed in accordance with standardized procedures to ensure timely disposal of violations.



Business Ethics and Integrity Building

Adhering to the business ethics of "good faith and compliance, integrity and self-discipline, and fair competition", EGING PV integrates business ethics into its corporate culture and management systems, and fosters a clean and upright business environment through institutional constraints, cultural cultivation, and supervision guarantees.

Establishment of business ethics system

Core systems such as the Code of Business Ethics and the Management Measures for Employees' Integrity Practice in Employment are established to clarify the code of conduct for all employees:

Integrity-based operation



Upholding the principle of good faith and trustworthiness, the Company refrains from providing false information or misleading publicity, ensuring true and credible commitments on products and services. Its financial reporting and information disclosure strictly follow the requirements of "truthfulness, accuracy, completeness and timeliness", with no concealment of major matters.

Respect for intellectual property rights



The Company respects the intellectual property rights of itself and others, and prohibits any infringements of legitimate rights and interests such as others' patents, trademarks and trade secrets. We have established a confidentiality management system for trade secrets and core information to standardize information transmission and use procedures.

Fair competition

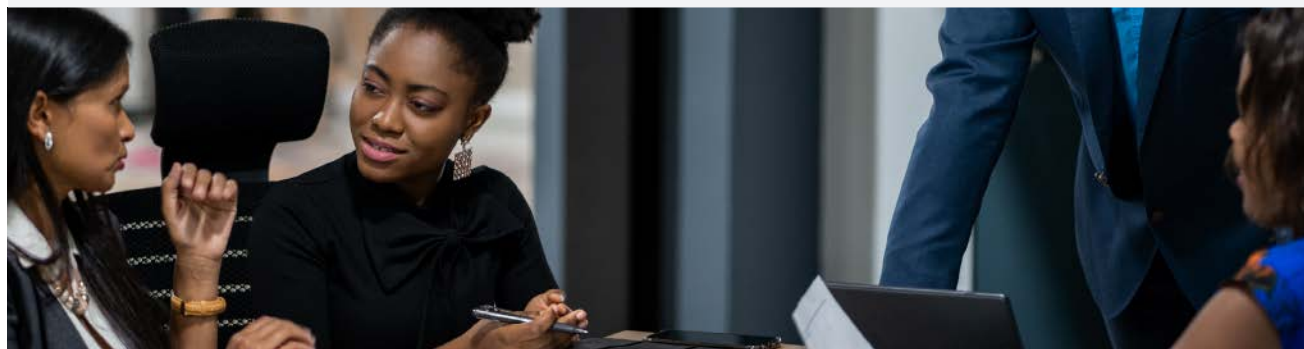


In strict accordance with the Anti-Unfair Competition Law and the Anti-Monopoly Law, the Company upholds the competition philosophy of winning the market through quality, service and innovation, and prohibits commercial slander, false publicity and improper competition. We have not entered into any monopolistic agreements with competitors or abused our dominant market position.

Conflict-of-interest management



The Company has established a conflict-of-interest declaration system. Employees shall proactively declare any matters that may result in conflicts of interest with the Company's business, including investments, employment and business cooperation of themselves and their relatives. It is strictly prohibited for employees to take advantage of their job positions to seek improper benefits for themselves or others.



Integrity building initiatives

Institutional guarantee for integrity

Integrity commitment mechanism: All employees sign the Integrity Commitment Letter upon onboarding to clarify their accountability for integrity practices. The Company enters into the Anti-Commercial Bribery Agreement with suppliers and partners to embed integrity requirements into core cooperation clauses, define mutual integrity obligations, and strictly prohibit commercial bribery, improper benefit transfer, and other violations.

Integrity access and assessment: Suppliers and business partners are required to submit the Integrity Practice Statement during the access review process. With integrity performance as a key dimension in the annual cooperation assessment, the Company promptly terminates cooperation with any partners involved in irregular or corrupt conduct.

Integrity culture development

Cultural promotion: The concept of integrity practices and the code of conduct are promoted through internal bulletin boards, office systems, cultural activities and other channels. Annual themed activities on "Integrity Culture Development" are organized to create a cultural atmosphere of "honorable integrity, shameful violations" through case sharing, thematic seminars and knowledge popularization.

Positive incentives: Honorary titles such as "Integrity Pioneer" and "Compliance Model" are granted to employees who practice integrity and proactively prevent violation risks, thereby playing a typical exemplary role.

Supervision and reporting mechanism

Diversified supervision network: In a system of "internal audit supervision, collaborative supervision by functional departments, and full-employee supervision", the Internal Audit Department conducts regular integrity audits, functional departments implement daily integrity management, and employees are encouraged to participate in integrity supervision.

Unblocked reporting channels: Reporting channels of "telephone, email, and address" are set up to clarify reporting methods and pathways, ensuring the convenience of reporting.



Reporting telephone:

86-519-82588805



Reporting email:

Egingjubao@egingpv.com



Reporting address:

Internal Control and Audit Department, 8th Floor, Administrative Building,
No. 18 Jinwu Road, Yaotang Town, Jintan District, Changzhou



Whistleblower protection and incentives: The whistleblower's information is strictly protected, and any form of retaliation is prohibited. Corresponding rewards will be granted to whistleblowers whose clues are verified to be true and who help the Company avoid losses or prevent major risks. The mechanism of "designated principal, time-limited verification, and timely feedback" is implemented to protect the legitimate rights and interests as well as the right to know of whistleblowers.

Information Security Management

In strict compliance with the Cybersecurity Law, the Data Security Law, the Personal Information Protection Law, and the ISO 27001:2022 international standard, EGING PV has built a three-level management structure of "system guidance, domain-based control, and emergency response". Focusing on six core dimensions, the Company fully safeguards the security of information assets and the legitimate rights and interests of relevant stakeholders through institutional and technical measures.

Guidelines and goals



Core guidelines: Guided by the principles of "data security, privacy protection, and compliant operation", the Company integrates security requirements into the full lifecycle of information assets to achieve the core objectives of "leakage, tampering and attack prevention".

Quantitative goals: The annual occurrence rate of data leakage incidents is zero, with all the following indicators reaching 100%: network vulnerability remediation rate, employee information security training coverage rate, data backup success rate, monthly data recovery drill compliance rate, and the closed-loop rectification rate for issues identified in computer room and database inspections.

Annual occurrence rate of data leakage incidents

0

Closed-loop rectification rate for issues identified

100%

Full-scenario security control

Permission and account security

Full-process closed-loop management:

Employees submit the Information System Account and Permission Application Form via the OA system, specifying the applied system, permission level and usage period. After multi-level reviews by department leaders and the Information Management Department, operation and maintenance personnel configure precise permissions, with full-process traceable records retained for traceability.

Enhanced identity authentication: General roles adopt high-strength password authentication. Management roles employ multi-factor authentication. Core business systems implement single sign-on to reduce account redundancy and mitigate data leakage risks. Slider verification and login lockout mechanisms are deployed upon login to prevent brute-force attacks.

Role-based Permission Division: Permissions for management roles cover system configuration and full-data management. Business roles are granted the "least necessary permissions" based on job requirements. For temporary roles involved in project collaboration and emergency response scenarios, access time limits are clearly defined, and permissions are promptly revoked upon task completion.

Dynamic control: The Human Resources Department synchronizes employee separation and transfer information in real time, and revokes corresponding accounts and permissions in a timely manner. System logs are monitored for abnormal logins and excessive permission access, which trigger automatic alerts and follow-up verifications. Regular account and permission reviews are conducted to eliminate idle and redundant permissions, accurately aligning permissions with job responsibilities.



Network and threat protection

Regular vulnerability scanning: Internal and external networks and core business systems are comprehensively scanned via China Mobile Zhuanxianweishi every week to identify abnormal network traffic, malicious attacks, and other potential risks.

Cross-regional transmission encryption: For data interactions between Changzhou and Chuzhou bases across ERP, MES, and WMS systems, private network connections are established through dedicated VPN lines. Sensitive data is transmitted in encrypted form to prevent interception and tampering risks, ensuring security and stability of cross-regional business collaboration.

Infrastructure and physical security

Regular inspection: It covers two core dimensions. At the database level, performance bottlenecks, abnormal access and data integrity risks are detected. At the computer room level, measures are taken to inspect temperature and humidity, power supply stability, firefighting system, security monitoring, and operation status of hardware devices such as servers, routers and switches, record inspection results in details, and timely handle identified abnormalities, achieving a 100% closed-loop rectification rate for issues identified throughout the year.

Closed-loop rectification rate for issues identified throughout the year

100%

Standardized computer room management: Personnel shall register their access purpose and accompanying personnel information, and access records are properly retained. Storage media are numbered, registered and kept by dedicated personnel, with a classified media management form established. The entire equipment and media disposal process is fully documented. Recycled computers undergo data backup and erasure, and storage media are degaussed prior to scrapping to prevent physical asset risks and residual data hazards.

Third-party service management: A contact list of third-party service providers is established to standardize their work records and service review process. For third-party institutions engaged in system operation and maintenance, and data processing, security qualification reviews are conducted, and confidentiality agreements are signed to clarify data security accountabilities.

Full-lifecycle data security

Storage security

Core business data is placed under the dual protection of "cloud security products and local permission control" to prevent unauthorized tampering and theft. Key data such as production line EL data is backed up via tape cold storage with a retention period of no less than 25 years, ensuring long-term data security. The database storage capacity is monitored in real time, and redundant data is regularly purged to ensure the stable operation of the storage system.

Backup strategy

A hierarchical backup system featuring "daily incremental updates and weekly full backups" is established to synchronize new and revised data on a daily basis with a retention period of seven days, and perform full backups of all core data every Saturday with a retention period of 14 days. The backup process is automated, with backup logs generated to facilitate subsequent reviews, verification and traceability.

Recovery drill

Regular data recovery drills are conducted to simulate scenarios such as system failures, malicious attacks and natural disasters. For core systems such as BMS, ERP and WMS, measures are taken to verify the integrity, availability and recovery efficiency of backup data, generate dedicated drill reports, and optimize recovery strategies and operational procedures to address identified issues.

Disposal security

Prior approval is required before the destruction of core data and privacy data, which is performed via irreversible technical methods, including data overwriting and degaussing. Medium scrapping and disposal records are retained to ensure thorough data destruction and prevent residual data risks.

Privacy protection

Compliance procedures: With a clear collection scope and legitimate purposes of personal privacy information of customers, employees and relevant parties, only the minimum information necessary for business purposes is collected to prevent illegal collection and excessive data usage. A privacy information ledger is established to record the entire data lifecycle including collection, storage, usage, and destruction, ensuring full traceability and auditability. All operations strictly comply with national laws, regulations and industry standards governing privacy protection.

Scenario-based protection: Sensitive data is encrypted, stored and displayed with restricted access permissions. Employees' privacy information is managed by dedicated personnel of the Human Resources Department, and only applied to statutory purposes such as payroll disbursement, social insurance payment and occupational health monitoring. Temporary access authorization is adopted for remote work and project collaboration scenarios, granting only the minimum privacy data access required for task execution to fully mitigate privacy leakage risks.



Security training

In June 2025, the Company organized a special industrial control network security training for core technical, operation and maintenance personnel, covering the importance of industrial control network security, national policy requirements, common attack methods such as scanning, detection and malicious intrusion, as well as core security risks faced by industrial enterprises and targeted protection solutions. By combining theoretical lectures and case analysis, the training enhanced all employees' risk identification and response capabilities, achieving a 100% training coverage rate.



Emergency response

EGING PV has established an emergency response mechanism of "timely reporting, rapid investigation, targeted disposal, review and optimization", and clarified incident reporting channels and division of emergency response responsibilities, ensuring rapid response to unexpected security incidents.

💡 CSRF vulnerability on the official website

In February 2025, after being notified by the Changzhou Municipal Bureau of Industry and Information Technology of a Cross-Site Request Forgery (CSRF) vulnerability on the official website, the Company promptly organized its technical team for investigation and completed vulnerability remediation the same day via random token validation for HTTP requests and server-side interception checks.

💡 API interface attacks

In July 2025, in response to API interface information leakage attacks targeting the PDA interface, WMS test environment, BMS Weizhihui platform, and component anti-counterfeiting systems, the Company immediately investigated the vulnerabilities in collaboration with system suppliers. By implementing measures including closing test pages, restricting open permissions and optimizing interface access control strategies, we completed all remediation work before August.

After the disposal of all security incidents, we conducted special post-incident reviews to analyze root causes, optimized protection rules and procedures, updated emergency response plans, and formed a closed-loop management process of "detection, response, review and optimization", continuously enhancing our capabilities to resist information security risks.



Environmental Management

Environmental Compliance Management

Energy Management

Water Resource Management

Pollutant Management

Ecological Protection and Biodiversity

06



Environmental Compliance Management

Adhering to the core principles of "compliance first, prevention focused, and whole-process control", EGING PV has established a standardized and closed-loop environmental compliance management system to align all environmental activities with applicable laws, regulations and industry standards.

Compliance first

Prevention focused

Whole-process control



Environmental management policies and objectives



Upholding the guideline of "energy-efficient products, low-consumption production process and compliant emissions", EGING PV fully integrates environmental responsibilities into the entire process of production and operation, and advances its green transformation focusing on three key priorities, namely pollutant emission reduction, efficient resource utilization and ecological risk prevention and control.

Quantitative Objectives: In 2025, the Company achieved a 100% compliance rate for wastewater, waste gas and noise emissions, as well as a 100% solid waste recycling rate, with zero environmental administrative penalties and environmental violations. The timely response rate for environmental emergencies and the closed-loop rectification rate of potential hazards both reached 100%. We also realized full coverage of occupational hazard factor monitoring, with a 100% rectification completion rate for non-compliance issues.

Compliance rates of wastewater, waste gas and noise emissions, and solid waste recovery rate

100%

Completion rate of corrective actions for non-compliance issues

100%

Emergency response timeliness rate and closure rate of hazard rectification actions

100%

Establishment of environmental management system



EGING PV has developed a three-level management system of "top-level design, departmental execution and full-employee participation", and obtained ISO14001 environmental management system certification. The Company has formulated multiple special systems, including the Environmental Management Regulations, the Solid Waste Classification and Disposal Measures, the Emergency Response Plan for Environmental Incidents, and the Management Measures for Occupational Hazard Factor Monitoring, and established a complete management and control chain of "systems, procedures, operations, and assessments", ensuring rule-bound system operation. In addition, we have built a supervision mechanism for system operation to continuously optimize the management procedures through regular self-inspections and internal reviews, aligning the system with corporate development and regulatory requirements.

Environmental management initiatives



Operation and maintenance of environmental protection facilities

Under the environmental protection facility management mechanisms of daily inspection, weekly maintenance and monthly overhaul, monthly inspections are conducted on sewage treatment facilities, waste gas adsorption devices and rainwater and sewage pipe networks in plant areas, focusing on equipment operation parameters, reagent dosage, and pipeline tightness. These measures ensure the stable operation of environmental protection facilities, with no abnormal emissions caused by facility failures throughout the year.



Full-process control of solid waste

In the solid waste management system featuring "classified collection, standardized storage, and compliant transfer", classified collection points are set up in production workshops, warehouses, and office areas. Color-coded collection containers with bilingual Chinese-English signs are deployed, with clear storage time limits and protective requirements. Hazardous waste is stored in dedicated hazardous waste warehouses under dual-person and dual-lock management, with the storage period in strict compliance with relevant regulations. The uniform hazardous waste manifest form is completed before transfer to ensure full-process traceability.

Environmental monitoring and assessment



▶ Regular monitoring

Online monitoring equipment is installed at wastewater discharge outlets for real-time tracking of core indicators such as COD, pH and ammonia nitrogen. Monitoring data is synchronously uploaded to the supervision platform of environmental protection authorities, with daily monitoring reports generated. Annual third-party tests for waste gas, wastewater and noise are entrusted to qualified external institutions, with all emissions data in line with national standards. Annual special inspections on soil and groundwater are conducted to ensure stable and compliant environmental quality.

▶ Dynamic system assessment

One internal audit and one management review are conducted for the environmental management system on an annual basis. Based on monitoring data, compliance status and changes in external policies, management procedures and control measures are optimized to enhance system effectiveness and adaptive capacity.

Environmental emergency management



Establishment of emergency plan system: The Emergency Plan for Sudden Environmental Incidents has been revised and improved to cover multiple scenarios, including wastewater leakage, excessive waste gas discharge, chemical leakage, and fire-induced secondary environmental risks, and define organizational structure for emergency, response procedures, disposal measures and material support. The emergency plan has been officially filed with local environmental authorities.

Emergency drills and material reserves: In March 2025, the Company organized one chemical leakage emergency drill, which simulated the scenario of rupture and leakage of soldering flux packaging stored in a chemical warehouse, with a total of 10 participants from the Safety and Environmental Protection Department, the Production Department, the Logistics Department and other relevant departments. The drill covered full-process operations including leakage blocking, waste liquid collection and environmental monitoring, effectively improving emergency response and coordinated disposal capabilities. Sufficient emergency supplies such as oil-absorbent pads, leak-sealing bags and emergency pumps are stocked in key areas including hazardous waste warehouses and wastewater treatment stations, and regularly inspected and renewed to ensure the availability in case of emergencies.

Carbon neutrality and climate change response

Against the backdrop of in-depth advancement of the dual carbon goals and accelerated global energy transition, EGING PV continues to advance the Task Force on Climate-related Financial Disclosures (TCFD), and integrates climate change response into its overall corporate development strategies and full processes. By virtue of photovoltaic technological innovation and full-value-chain green operation practices, the Company effectively undertakes ecological governance responsibilities, while precisely catering to the core demands of capital markets, regulators and other stakeholders for transparent climate information.

Governance



EGING PV continuously improves the dedicated governance structure for climate change response to ensure the effective implementation of climate actions. The Board of Directors regularly reviews and assesses the Company's climate change strategy to ensure full alignment with the overall corporate development goals and the sustainable development strategy. The management team is responsible for the specific implementation and overall coordination of climate change response initiatives, thereby coordinating all functional departments to advance targeted tasks of energy and consumption conservation, and emissions and carbon reduction. In terms of external communication, the Company maintains close dialogue with regulators, industry associations, investors, non-governmental organizations, and other stakeholders, and timely discloses relevant measures, data and performance in addressing climate change.

Strategy



Based on its production and operation layout, industry development trends and global climate changes, EGING PV conducts comprehensive reviews and dynamic assessments of its climate-related physical risks and transition risks. Meanwhile, the Company precisely seizes development opportunities amid the global energy transition, formulates targeted response strategies, and incorporates climate factors into its core development strategy.



Entity risks (some examples):

Risk description	Response measures	Impact extent	Time range
Snowstorms and freezing weather may damage photovoltaic facilities and outdoor pipelines.	Reinforce photovoltaic facilities and outdoor pipelines for freeze resistance; equip with snow and ice removal emergency equipment; establish a low-temperature early warning and response mechanism to arrange preventive measures in advance.	High	Short, medium, and long terms
Strong wind and sand-dust weather reduce the light absorption efficiency of photovoltaic modules, and cause equipment dust accumulation and component wear.	Equip photovoltaic modules with cleaning systems, and conduct regular inspection and maintenance; optimize module installation design to improve wind resistance and reduce sand deposition.	Moderate	Medium and long terms
Heatwaves increase temperature control costs in production workshops, and impact stable equipment operation as well as employees' work safety.	Upgrade constant temperature systems in workshops, and strengthen equipment heat dissipation maintenance; implement high-temperature work protection measures, and optimize shift scheduling to protect employee health and ensure stable operation.	Moderate	Medium and long terms



Transformation risks (some examples)

Risk description	Response measures	Impact extent	Time range
The photovoltaic industry is accelerating its transformation towards more efficient and low-carbon technologies. As a result, the Company's existing technologies and production capacities face the risk of becoming obsolete.	Continue to increase R&D investment, and focus on the R&D and reserve of high-efficiency and low-carbon photovoltaic technologies; rationally plan the production capacity in line with the industry's technological trends, and advance intelligent and low-carbon upgrades of existing production lines.	High	Medium and long terms
Policies and regulations have increasingly stringent carbon emission requirements for photovoltaic companies, and the Company may face the risk of increasing compliance costs.	Dynamically track domestic and foreign policies and regulations related to carbon emissions, and adjust production and operation strategies in advance to ensure compliance; steadily implement energy-saving and carbon reduction measures, and explore the application of carbon capture, utilization, and storage (CCUS) and other technologies in production activities.	Moderate	Short, medium, and long terms
As consumer preferences shift towards low-carbon and eco-friendly products, companies that fail to meet these demands may face the risk of losing market share.	Strengthen market research to accurately grasp demand trends for low-carbon products; scale up the R&D and promotion of green photovoltaic products, improve the low-carbon product certification system, and enhance the market competitiveness of products.	Moderate	Medium and long terms

Opportunities (some examples)

Risk description	Response measures	Impact extent	Time range
The growth of global demand for clean energy sources has brought broad market space for the photovoltaic industry.	Expand development efforts in domestic and overseas markets, and improve the multi-scenario market layout covering distributed photovoltaic systems and photovoltaic power stations; continuously optimize product performance and costs to increase market share.	High	Short, medium, and long terms
Technological innovation has pushed up the efficiency of the photovoltaic industry and reduced the cost, and the Company is expected to gain competitive advantages through technological upgrading.	Deepen the joint innovation with scientific research institutions and universities; improve the internal technological R&D incentive mechanism to encourage breakthroughs in core technologies and process innovation.	Moderate	Medium and long terms
Governments around the world are ramping up their support for renewable energy, providing policy guarantee for corporate development.	Closely monitor policy developments concerning renewable energy and proactively seek policy support; participate in the formulation of photovoltaic industry standards in depth to enhance the Company's influence and voice in the industry.	Moderate	Short, medium, and long terms

Risk management



EGING PV fully integrates climate risk management into its comprehensive risk management system. Through the full-process management covering risk identification, risk assessment, risk response and risk monitoring, the Company realizes refined and dynamic control of climate risks.



Risk identification

Through regular risk assessment meetings, industry research, expert consultations and other measures, climate-related physical risks and transition risks are identified to timely update the Company's risk list.



Risk assessment

The identified climate risks are assessed by both qualitative and quantitative methods to accurately judge the probability of risk occurrence, impact extent and transmission pathways.



Risk response

Based on risk assessment results, targeted and implementable response measures are formulated for each climate risk. These measures are deeply integrated with the Company's strategic planning, production and operation, technological R&D and other efforts, ensuring effective risk management.

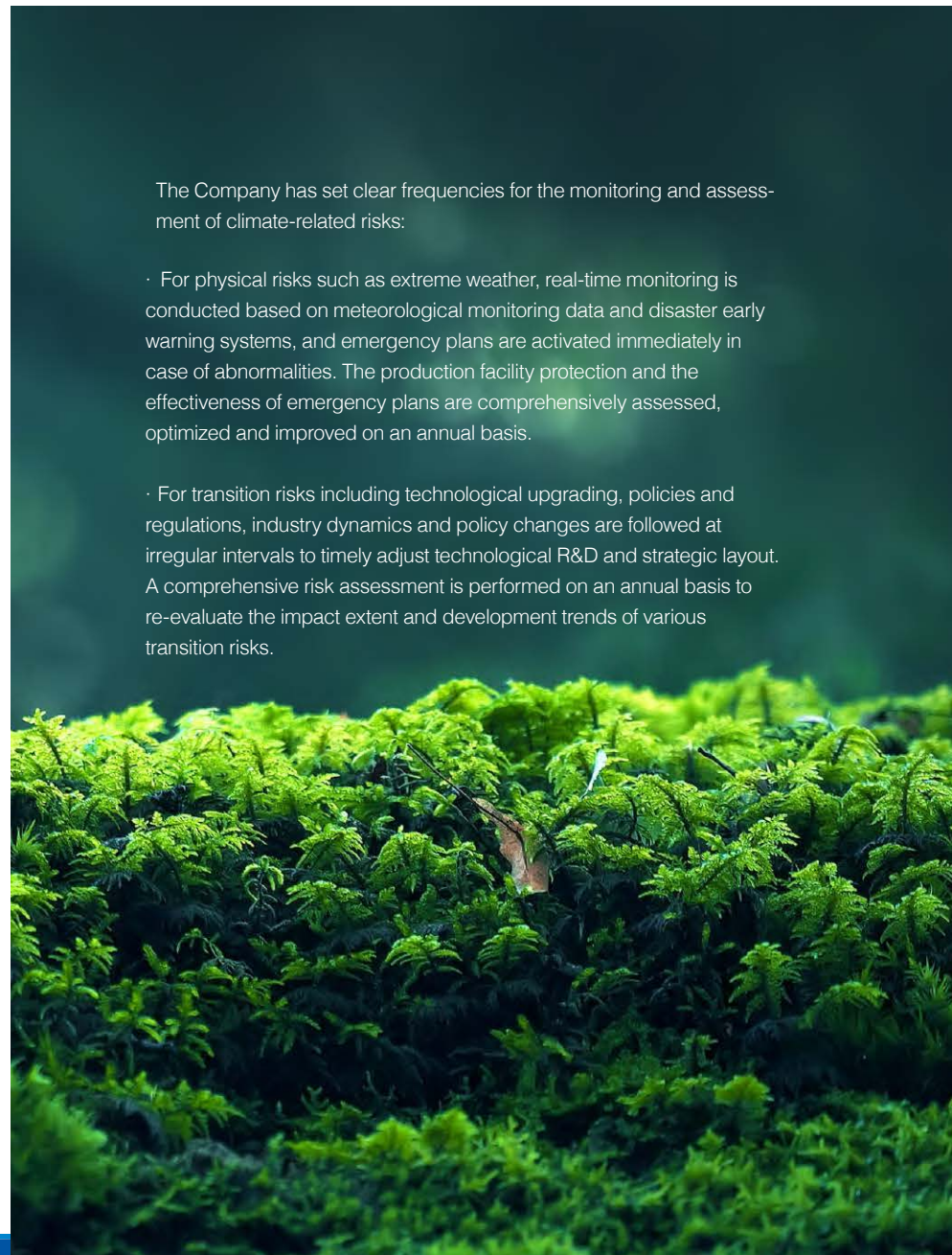


Risk monitoring

Under an improved climate risk monitoring mechanism, the climate risk changes and the implementation effect of response measures are tracked in real time by means of internal audit, operational data analysis, market trend monitoring and meteorological data tracking to optimize and adjust risk management strategies in a timely manner.

The Company has set clear frequencies for the monitoring and assessment of climate-related risks:

- For physical risks such as extreme weather, real-time monitoring is conducted based on meteorological monitoring data and disaster early warning systems, and emergency plans are activated immediately in case of abnormalities. The production facility protection and the effectiveness of emergency plans are comprehensively assessed, optimized and improved on an annual basis.
- For transition risks including technological upgrading, policies and regulations, industry dynamics and policy changes are followed at irregular intervals to timely adjust technological R&D and strategic layout. A comprehensive risk assessment is performed on an annual basis to re-evaluate the impact extent and development trends of various transition risks.



Indicators and targets



Carbon emission management

EGING PV continuously conducts full-dimensional carbon inventory and product carbon footprint accounting, and standardizes the disclosure of Scope 1, 2, and 3 greenhouse gas emissions, providing accurate data support for addressing climate change and formulating emission reduction strategies. In 2025, the Company reduced production-side carbon emissions by optimizing production procedures, deploying energy-saving equipment, and improving energy efficiency. Meanwhile, we scaled up clean energy utilization and photovoltaic power station construction to further reduce reliance on traditional fossil fuels, delivering remarkable achievements in carbon emission control.

According to the verification by an internationally authoritative third-party organization, EGING PV's greenhouse gas emissions accounting from January 1 to December 31, 2025 complies with the requirements of ISO 14064-1:2018. The Company maintains its organizational greenhouse gas verification certificate under the ISO 14064 standard. Its detailed greenhouse gas emissions data in 2025 are presented below:

Scope	Scope 1	Scope 2	Scope 3	Total
Emissions (tCO ₂ equivalent)	484	23,435	111,077	134,996
Proportion (%)	0.36	17.36	82.28	100

Accurate carbon emissions data not only lays a solid foundation for the Company to set scientific and rational emission reduction targets, but also provides core evidence for disclosing climate action performance to investors, customers and other stakeholders.



Carbon neutrality initiatives

EGING PV continues to deepen its carbon neutrality initiatives across the entire value chain. Its emission reduction pathways cover the entire process, spanning raw material procurement, product design, manufacturing, daily operations, and product delivery.

Raw material procurement

Low-carbon and environmentally friendly raw material suppliers are prioritized to facilitate collaborative carbon reduction across upstream and downstream supply chains, cutting value chain carbon emissions at the source.

01

Manufacturing

In upgraded production processes, advanced energy-saving equipment and technologies are promoted to reduce energy consumption and waste discharge in the production stage. Meanwhile, production lines are intelligently upgraded to lift production efficiency while lowering carbon emissions.

02

Product design

Low-carbon performance, energy efficiency and recyclability are integrated into core product design criteria, focusing on R&D of high-efficiency and low-carbon photovoltaic products. In 2025, the Company's multiple products obtained authoritative certifications, including the Italian EPD certification and China Green Product Certification.

03

Daily operations

In plant areas, rooftop photovoltaic systems operate steadily to continuously optimize the energy use structure, and raise the proportion of green electricity use. Meanwhile, energy-consuming office and production facilities are upgraded to foster a low-carbon corporate culture, encouraging full employee participation in energy conservation and carbon reduction.

04

Value chain collaboration

With an improved overall operational efficiency, logistics and transportation systems are optimized to promote upstream and downstream waste recycling, and reduce carbon emissions across the entire value chain, forging practical pathways for full-value-chain carbon neutrality in the photovoltaic industry.

05

Energy Management

EGING PV adheres to the energy management policy of energy conservation and consumption reduction, clean production, and continuous improvement, with the core objectives of enhancing energy efficiency and increasing the share of renewable energy. A full-process energy management system has been established.

Energy management policy

Focusing on cost reduction, efficiency improvement, and green low-carbon development, the Company reduces fossil energy consumption, lowers energy consumption per unit of output, and promotes the transition toward a cleaner and lower-carbon energy structure through technological upgrades, process optimization, and renewable energy substitution.

Energy management system development

The Company has established a full-process management framework covering energy planning, consumption monitoring, statistical analysis, and optimization and improvement, and formed an energy management team, with the Department of Safety and Environmental Protection serving as the lead department and the Production Department and Integrated Energy Center acting as execution departments. Energy consumption targets are decomposed to core production departments and incorporated into performance assessments. A real-time energy data monitoring platform has been built to integrate electricity, natural gas, and other energy consumption data, enabling dynamic tracking, anomaly alerts, and trend analysis to support energy-saving decision-making. Additionally, energy management training is strengthened to enhance employees' energy conservation awareness and operational standardization.

Renewable energy utilization

EGING PV actively develops photovoltaic clean energy and has established a PV layout combining rooftop installations and self-owned power stations to maximize the share of clean energy substitution.

- ▶ **On-site PV power station:** In 2025, the total on-site PV power generation reached 23,629.8 MWh, with 13,452.4 MWh self-consumed and 10,177.4 MWh fed into the grid.
- ▶ **Zhixi self-owned power station:** The total annual power generation of this self-owned power station of EGING PV in 2025 reached 171,610.5 MWh, all of which was fed into the grid.
- ▶ **Overall performance:** The Company's total PV power generation reached 195,240.3 MWh. Through clean energy substitution, EGING PV saved 59,000 tons of standard coal and reduced carbon dioxide emissions by 103,500 tons during the year, effectively lowering carbon emission intensity and energy costs while demonstrating its commitment to green development.

2025

Total on-site PV power generation



23,629.8 MWh

Total power generation of the power station



171,610.5 MWh

Total PV power generation of the Company



195,240.3 MWh

Energy conservation, consumption reduction, and resource recycling

Lighting system upgrade



LED lighting has been fully implemented across production workshops and office areas. Traditional 30W fluorescent lamps were replaced with 18W energy-efficient LED lamps, reducing lighting power consumption. A "lights-off for one hour at noon" initiative was also implemented in all non-essential lighting areas, resulting in annual electricity savings of 504 MWh.

Production process optimization



Process innovation was implemented for the double-layer triple-chamber laminator by optimizing auxiliary material matching and adjusting lamination parameters. After optimization, energy consumption per module decreased from 1.2 kWh/module to 0.98 kWh/module, while average daily output per production line increased from 3,200 modules to 4,000 modules, improving efficiency by 25%. Product yield improved from 99.65% to 99.70%, achieving both energy conservation and quality & efficiency enhancement targets.

Resource recycling



A waste oil recovery system has been established in the on-site vacuum pump room. Vacuum pump oil is inspected and replenished daily, while waste oil from the organic tower is regularly collected and treated through static sedimentation. A total of 12 drums (approximately 2,040 kg) of waste oil were recovered during the year. After testing, the recovered oil was reused in vacuum pump operations without adverse impacts on equipment. This generated a recovery value of approximately RMB36,000 and reduced waste oil disposal costs, forming a circular chain of generation, recovery, and reuse.

Energy equipment operation and maintenance

The Company has established a three-tier equipment management mechanism of daily inspection, monthly maintenance, and quarterly special inspection. Daily inspections focus on PV panel cleanliness, inverter operating status, and transformer load conditions. Monthly maintenance includes PV module cleaning, terminal tightening, and calibration of energy-saving equipment parameters. Quarterly special inspections focus on high-voltage equipment, boilers, and other key energy facilities to identify safety and energy efficiency risks. During the year, 130 energy-related hazards were identified, all of which were rectified, achieving a 100% rectification completion rate with an average rectification time of 25 days. These measures ensured the long-term stable operation of energy-saving equipment and PV power stations. Through a series of energy-saving upgrades, approximately RMB3.2 million in electricity costs and RMB1.5 million in material costs were saved during the year.



Water Resource Management

EGING PV adheres to the principles of efficient utilization, circular regeneration, and total quantity control in water resource management, establishing a full-process management system covering water intake, usage, conservation, and recycling, thereby maximizing water use efficiency.

Water resource utilization

In 2025, the Company's total water consumption was 291,000 tons, including 267,600 tons of tap water and 23,400 tons of surface water (mainly used for landscaping irrigation and supplementary cooling water for equipment). Through tiered metering and dynamic monitoring, total water consumption was kept within the annual plan.



Tap water

267,600 tons

Total water consumption

291,000 tons

Surface water

23,400 tons

Key water conservation measures

Circular water reuse system

Production wastewater is treated through a "pre-treatment + coagulation and sedimentation" process and further recycled for non-potable uses such as landscape irrigation and equipment cooling, improving water reuse rates and reducing fresh water consumption.

Precise metering and smart monitoring

Dedicated flow meters are installed at key locations, including water inlets of each factory, workshop water consumption nodes, and reclaimed water outlets, enabling real-time collection and transmission of water usage data. Quarterly water audits are conducted to analyze departmental water efficiency, identify high water consumption areas, and develop optimization measures to continuously improve water use rationality.

Leakage prevention and pipeline optimization

A zoned inspection system for water supply pipelines has been established, dividing the factory site into multiple inspection areas with daily inspections carried out by dedicated personnel. Key components such as valves, pipe joints, and flow meters are regularly checked to promptly identify and repair leakage points, preventing water loss. Targeted maintenance and optimization of ageing pipelines are also conducted to reduce leakage rates.

Water conservation awareness promotion

Water-saving appliances are promoted in office areas and canteens. Through internal communication and training, employees are educated on water conservation practices and operational standards, encouraging company-wide participation in water conservation and fostering a positive atmosphere where "everyone has a role to play in water conservation"

Pollutant Management

EGING PV has established a full-process pollution prevention and control system for key pollutants, including wastewater, waste gas, solid waste, and noise, covering source reduction, process control, end-of-pipe treatment, and compliant discharge, ensuring that all pollutant emissions fully meet regulatory standards.

Wastewater

Production wastewater is treated through a "pre-treatment + coagulation and sedimentation" process. Domestic wastewater is treated using a dedicated process before being discharged via the main discharge outlet. A water quality online monitoring system has been installed to track key indicators such as COD, pH, and ammonia nitrogen in real time. Data are synchronized to the environmental regulatory platform to ensure full traceability of treatment performance.



Waste gas

For particulate matter and volatile organic compounds (VOCs) generated during production, a treatment system combining "preliminary filtration + two-stage activated carbon fibre adsorption" has been installed across all production workshops. High-efficiency activated carbon fibre materials are used to ensure that waste gas is treated and discharged in compliance with applicable standards.



Solid waste

General industrial solid waste mainly includes glass scraps, aluminium frame offcuts, and packaging waste generated during PV module production. These are all reused through recycling or disposed of in compliance with regulations. Hazardous waste mainly includes waste mineral oil (vacuum pump oil), spent activated carbon, and oil-contaminated wipes. Such waste is stored in dedicated hazardous waste storage facilities and disposed of by qualified third-party contractors after proper manifest filing.



Noise

Boundary noise is managed in accordance with Class 3 limits specified in the Emission Standard for Industrial Enterprises Noise at Boundary (GB12348-2008), with daytime levels ≤ 65 dB(A) and nighttime levels ≤ 55 dB(A). Quarterly third-party monitoring results in 2025 showed that all boundary monitoring points met the required standards, with no noise-related complaints reported.



Ecological Protection and Biodiversity

EGING PV attaches importance to maintaining the ecological environment within and around its factory premises. Upholding the philosophy of respecting nature and protecting ecosystems, the Company actively implements ecological protection measures to promote harmonious coexistence between people and nature.

Site ecological optimization

- **Landscaping development and maintenance:** More than 350 locally suitable tree species, including camphor trees and osmanthus trees, have been planted within the factory premises. Landscaping layout has been optimized, increasing vegetation coverage to 10.3%. Regular pruning and pest control are carried out to maintain tidy green spaces, improve the site microclimate, and create a comfortable working environment for employees.
- **Ecological restoration of idle areas:** Idle land within the factory premises has been ecologically restored by clearing construction debris, laying planting soil, and planting native herbaceous vegetation. These measures increase green space, reduce hardened surfaces, enhance rainwater infiltration capacity, and improve the local ecological environment.

Biodiversity protection

- **Habitat creation:** Two bird perches have been installed within landscaped areas to provide safe resting places for common local bird species. Nectar-producing plants have been planted to attract insects and birds, enriching on-site biodiversity and fostering a harmonious ecological environment.
- **Control of ecological disturbance:** Care is taken during production and operations to avoid damage to surrounding natural vegetation and landforms, with ecological impact assessment conducted prior to construction. Toxic or harmful landscaping chemicals and pesticides are not used; instead, green pest control methods such as physical and biological control are adopted to minimize impacts on surrounding organisms.

Soil and groundwater protection

- **Seepage prevention in key areas:** In addition to hazardous waste storage areas, anti-seepage design has been implemented in key locations such as wastewater treatment stations, oil tank areas, and chemical storage facilities. High-density polyethylene (HDPE) impermeable liners are installed to ensure effective containment. Regular inspections of anti-seepage facilities are conducted, with no damage identified during the year.
- **Monitoring and risk control:** A soil and groundwater pollution risk early warning mechanism has been established. Upon detection of abnormalities, emergency response procedures are immediately activated to prevent the spread of pollution and ensure the safety of local soil and groundwater environments.

Work Safety Management

Work Safety Assurance

Risk Management and Hazard Control

Occupational Health and Safety Management

Emergency Response Management

07



Work Safety Assurance

EGING PV takes standardization and institutionalization as its core approach, and strengthens the foundation of work safety through multi-dimensional efforts, including system and framework development, resource investment, equipment management, personnel training, and safety culture cultivation, thereby ensuring effective implementation of safety management.



System and framework development

In 2025, EGING PV revised its all-staff work safety responsibility system to ensure full coverage across departments and positions, clearly defining safety responsibilities at all levels from the general manager to frontline employees. The principal responsible person signed work safety responsibility agreements with heads of all centers and departments to strengthen accountability awareness. In addition, the Company completed work safety integrity commitment and declaration, and held quarterly work safety meetings to address key safety issues, ensuring that responsibilities were effectively cascaded and fully implemented at all levels.

Guided by the latest laws, regulations, and industry standards, including the Standards for Determining the Potential Risks of Major Accidents of Industry and Trade Enterprises, the Company organized a revision of its Compilation of Work Safety Rules and Regulations in May 2025. The revision involved 44 core management systems, including risk classification and control, hazard identification and rectification, special equipment management, hazardous operations protocols, and power station operation and maintenance safety, ensuring full alignment with regulatory requirements and business scenarios, and providing a clear basis for all work safety management activities.

Equipment and facility safety management

▶ Conventional equipment

Dedicated personnel are assigned by the Module Production Department to manage equipment, with an annual inspection and maintenance plan formulated and strictly implemented. Weekly inspections and maintenance activities are conducted, with a focus on key components such as safety protection devices, transmission systems, and braking systems. Identified issues are promptly reported, repaired, and tracked to ensure that equipment operates in a safe and reliable condition at all times. The Quality Management Department conducts regular inspections of measuring equipment in accordance with planned schedules, maintains valid calibration certificates, and implements standardized identification to ensure accurate and reliable equipment performance.

► **Special equipment**

The Power Equipment Department strictly complies with applicable safety technical specifications. Periodic inspections are applied for at least one month before the expiration of the validity period of special equipment inspection certificates. All special equipment has passed required inspections and inspection labels are publicly displayed. Regular inspection and maintenance are carried out for safety accessories and safety protection devices of special equipment. Regular inspections are also conducted for insulation tools used in high-voltage distribution rooms. An equipment safety archive system has been established to ensure full life-cycle traceability and management.

► **Power station operation and maintenance safety**

The Integrated Energy Center (power station) has formulated dedicated safety procedures and implemented equipment inspection systems, operational permit requirements (with licensed personnel required for high-voltage equipment operation), and emergency response procedures. Specific measures are in place to address unexpected situations such as equipment failures and extreme weather conditions. In 2025, the Company recorded zero safety incidents, corresponding to 365 accident-free days.



Safety training

EGING PV has established a safety training system characterized by tiered and categorized delivery, full staff coverage, and scenario-based application, comprehensively enhancing employees' safety awareness and operational skills.

Core personnel training

From June to August 2025, one principal responsible person and 45 work safety management personnel participated in specialized training, ensuring a 100% certification rate for the core management team. In addition, 10 annual safety training sessions were conducted, covering key topics such as safety regulations, risk identification, emergency response, and hazard identification and rectification. The overall employee assessment pass rate reached 100%.

Certification rate of core management team

100%

Overall employee assessment pass rate

100%

New employee and related-party training

The Company strictly implements the three-level safety education system for new employees. In 2025, 10 training sessions were conducted, covering topics such as corporate safety policies, job-specific risks, and operating procedures. For contractors and other related parties entering the site, 17 sessions of site-entry safety training were provided, clarifying on-site safety requirements, restricted work zones, and responsibility boundaries. The safety training coverage rate for related-party personnel reached 100%.

Training sessions in 2025

10

Site-entry safety training sessions

17

Safety training coverage rate for related-party personnel

100%

Scenario-specific training

The Integrated Energy Center (power station) conducted 12 safety training sessions covering 15 participants, focusing on power station operation and maintenance safety procedures, high-voltage equipment operation, and emergency response procedures. In addition, targeted protection training was provided for special positions involving dust exposure, noise, and chemical contact, ensuring that employees were proficient in the use of personal protective equipment and risk mitigation practices.

Safety culture cultivation

EGING PV promotes safety management through a culture-led approach, fostering a safety environment with full employee participation. During the 2025 Work Safety Month period, the Company launched a themed awareness campaign titled "Everyone Talks about Safety, Everyone Knows Emergency Response—Identifying Safety Hazards around Us." Through case studies, on-site practical demonstrations, and Q&A activities, employees were encouraged to actively participate in safety management. The Company also implements a "five-minute" pre-shift safety briefing system. Before each shift, supervisors emphasize job-specific safety priorities, operating procedures, and precautions based on the day's tasks, strengthening employees' on-site safety awareness. In addition, safety knowledge and regulations are promoted on an ongoing basis through multiple channels, including workplace safety slogans, bulletin boards, internal social media accounts, safety knowledge competitions, and case-sharing sessions. These efforts integrate safety concepts into daily operations and foster a strong safety culture in which everyone talks about safety, safety is prioritized in every task, safety is considered at all times, and safety is required everywhere.

Work safety performance

In 2025, EGING PV successfully achieved its work safety targets, with no incidents of serious or above workplace injury, fire or explosion, acute poisoning, equipment-related accidents, or on-site vehicle-related injuries; a minor injury rate of 0.7%; no safety incidents in power station operation and maintenance; and no occupational disease cases.



Risk Management and Hazard Control

EGING PV has established a dual prevention mechanism characterized by "risk pre-control and closed-loop hazard management," enabling precise control of work safety risks and dynamic elimination of hazards, thereby preventing safety incidents from the source.

Safety risk classification and control

In accordance with the Provisions of Jiangsu Province on Work Safety Risk Reporting for Industrial Enterprises, the Company organized cross-functional risk identification and assessment involving the Department of Safety and Environmental Protection, Production Department, Technology Department, and Integrated Energy Center. The assessment covered all key scenarios, including production workshops, power station operation and maintenance, warehousing and logistics, and special equipment. A total of 46 risk items were identified and included in the risk control register, consisting of 21 major risks, 21 general risks, and 4 minor risks, with no major risks identified.



Risk control register

46 items

Major risks

21 items

General risks

21 items

Minor risks

4 items

For each risk category, targeted control measures were developed across five dimensions: engineering controls, on-site management, training and education, personal protective measures, and emergency response. Responsible departments and persons and control timelines were clearly defined. Engineering controls focused on optimizing equipment protective devices and improving operational procedures. On-site management included installing safety warning signs, designating restricted work zones, and strengthening site inspections. Training and education emphasized specialized training and competency verification. Personal protective measures ensured appropriate protective equipment allocation and standardized usage requirements. Emergency response measures included the development of dedicated contingency plans and the stockpiling of emergency supplies. All major safety risks were reported via the Government Affairs Platform of Jiangsu Province. On a monthly basis, the principal responsible person and work safety management personnel conducted inspections via the "Chang'an Code" scanning system to dynamically track risk control implementation, ensuring that all risks remained under effective control.

Closed-loop management of hazard identification and rectification

EGING PV has established a four-tier hazard identification mechanism consisting of quarterly inspections by the principal responsible person, monthly inspections by the Department of Safety and Environmental Protection, daily inspections by departments, and ad hoc inspections by employees. The principal responsible person organizes and participates in comprehensive work safety inspections on a quarterly basis to review, analyze, and address key safety issues. The Department of Safety and Environmental Protection conducts at least one comprehensive inspection per month, and carries out one targeted annual inspection in accordance with the Standards for Determining the Potential Risks of Major Accidents of Industry and Trade Enterprises, with a focus on high-risk positions, critical equipment, and environmental protection facilities. Each department implements daily on-site safety inspections to identify and report potential hazards in a timely manner. A whistleblowing mechanism for potential safety hazards has been established, along with an incentive system encouraging employees to proactively report potential hazards. In 2025, employees voluntarily reported more than 30 potential hazards.

In 2025, the Company identified and rectified more than 160 safety hazards. A closed-loop rectification ledger covering identification, registration, rectification, verification, and closure was established for all cases, with clear corrective measures, responsible persons, and deadlines, achieving a 100% closure rate. Major hazards identified were put under designated supervision, with the principal responsible person overseeing rectification progress to ensure complete elimination of the hazards and prevent escalation into safety incidents.

Total hazards identified and rectified

160⁺

Closure rate

100%

Occupational Health and Safety Management

Adhering to a people-oriented approach, EGING PV integrates occupational health protection with job safety management to comprehensively safeguard employees' physical and mental well-being as well as operational safety.

Prevention and control of occupational disease hazards

A comprehensive survey of occupational disease hazard factors has been conducted, identifying eight categories of hazards, including dust, noise, tin dioxide, copper fume, lead fume, isopropyl alcohol, benzene/xylene/toluene, and power-frequency magnetic field. 14 fixed monitoring points have been established. In May 2025, the Company commissioned a professional institution to conduct regular testing of occupational disease hazard factors. During monitoring, noise levels exceeding regulatory limits were identified twice. Immediate corrective actions were implemented, including the installation of noise reduction equipment at affected job positions, adjustment of shift schedules to reduce continuous exposure time, and optimization of equipment layout to reduce noise transmission. Following rectification, all results complied with the Occupational Exposure Limits for Hazardous Agents in the Workplace.

Hazards are controlled at source through multiple measures: production processes are optimized, with priority given to low-toxicity and low-hazard raw materials; ventilation systems are improved to enhance air circulation in operational areas; and dust-generating processes are equipped with dust collection systems to reduce fugitive emissions, thereby fundamentally reducing occupational health risks.

Personal protective equipment (PPE) management

A PPE management system has been established based on the principles of "need-based allocation, standardized distribution, proper use, and regular replacement." According to job-specific hazard characteristics, employees in dust-exposed positions are provided with KN95 dust masks (30 masks/month), noise-exposed positions with high-noise-reduction earplugs (4 pairs/month), chemical exposure positions with nitrile gloves and protective goggles, and high-altitude operation positions with safety shoes and safety harnesses. Standard protective items such as cotton gloves and insulated gloves are uniformly provided to all employees, achieving 100% PPE coverage.



Supervision of PPE usage has been strengthened. Targeted training is conducted to explain proper wearing methods, applicable scenarios, and replacement cycles. On-site management personnel conduct daily inspections of PPE usage, promptly correcting improper practices. A PPE distribution and issuance register is established, and usage is regularly reviewed to ensure employees collect and use protective equipment as needed and in a proper manner, thereby fully ensuring its protective effectiveness.

Life-cycle occupational health management

EGING PV has established a life-cycle occupational health tracking mechanism for employees. Pre-employment occupational health examinations are conducted for newly hired staff to screen for occupational contraindications and ensure that their physical conditions are suitable for job requirements. For employees exposed to occupational disease hazards, on-the-job occupational health examinations are carried out in accordance with relevant regulations to comprehensively identify health hazards. Departing employees are required to undergo exit occupational health examinations upon departure to determine the correlation between their health status and job-related factors. The health examination coverage rate reached 100%.



Health examination coverage rate

100%

Occupational health records are established to document in detail health examination results, occupational hazard exposure history, PPE usage, and health intervention measures, enabling dynamic monitoring of employees' health conditions. For any abnormalities identified during health examinations, timely job adjustments and follow-up examinations or treatment are arranged, supported by a health follow-up mechanism to ensure early identification and intervention of health risks. No occupational disease cases were reported in 2025.



Refined job safety management

Differentiated safety management measures are implemented based on the risk characteristics of different job positions. For high-risk positions, a "two-person operation and regular rotation" system is applied to reduce risks associated with continuous solo work. Hazardous operations are subject to an approval system, under which risk briefings are conducted prior to operation, protective measures are implemented, and dedicated supervision is assigned. For high-voltage and high-risk scenarios such as power station operation and maintenance, a strict "work permit and operation permit" system is implemented, under which safety briefings are conducted before operations, full-time supervision is maintained during operations, and post-operation reviews are carried out to ensure compliance and safety at every step.

Regular communication of job-specific safety risks is conducted through risk notification cards and on-site training, enabling employees to clearly understand job hazards, preventive measures, and emergency response procedures, thereby strengthening employees' awareness of safety self-management and supporting job-level risk control.



Emergency Response Management

EGING PV has established an emergency management system characterized by comprehensive planning, well-structured teams, adequate supplies, and regular drills, thereby enhancing rapid response and efficient handling of emergencies and minimizing potential casualties and property losses.



Emergency management system



An emergency command group led by the principal responsible person has been established. A company-level emergency rescue team and departmental emergency response teams across business units and centers operate under the group, with a clearly defined organizational structure, roles and responsibilities, response procedures, and cross-departmental coordination mechanisms, forming an emergency management framework featuring unified command, tiered response, and coordinated operations.



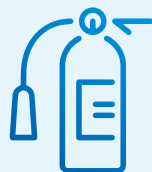
Based on the characteristics of different scenarios, including production workshops and power station operation and maintenance, the Company has developed dedicated emergency response plans and on-site response plans for incidents such as fire, explosion, confined space operations, special equipment accidents, electric shock, mechanical injury, chemical spill, and extreme weather. These plans clearly define key elements such as emergency response procedures, rescue measures, resource allocation, and personnel evacuation arrangements to ensure strong relevance and operability. The Integrated Energy Center (power station) has also developed dedicated emergency response procedures for equipment failures, grid abnormalities, and extreme weather conditions, detailing response steps and operational requirements.



Emergency supply storage areas have been established in key locations across the factory and power station, equipped with firefighting equipment, leak control tools, first-aid devices, chemical protective suits, emergency lighting, and communication equipment. Regular inventory checks, maintenance, and updates are conducted to ensure adequate quantities and good condition. An emergency supply allocation mechanism has also been established, with clearly defined deployment procedures and responsible personnel to ensure rapid mobilization during emergencies.

Emergency drills

In 2025, a total of 13 emergency rescue drills were conducted, covering various emergency scenarios, including fire and explosion incidents, confined space operations, incidents involving special equipment, electric shock and mechanical injury incidents, and chemical spills. On May 19, the principal responsible person participated in a comprehensive emergency drill simulating multi-scenario compound emergencies to test capabilities across the full response process, including emergency command and coordination, cross-departmental collaboration, on-site rescue, and personnel evacuation.



Total emergency
rescue drills conducted
in 2025

13

Post-drill reviews were conducted in a timely manner to analyze gaps and areas for improvement. Emergency procedures were optimized, emergency supply allocation was adjusted, and coordination among emergency teams was strengthened, continuously enhancing the precision and efficiency of emergency response. Through regular drills, employees' emergency response skills improved significantly, and the coordinated operational capability of emergency teams was further enhanced, ensuring rapid and effective response in emergency situations.

Emergency response

A rapid reporting channel for emergencies has been established, with clearly defined reporting procedures, timelines, and responsible personnel to ensure incident information is promptly transmitted to the emergency command group. The emergency coordination mechanism has been further strengthened through regular communication channels with local emergency management authorities, firefighting and rescue agencies, and medical institutions, ensuring access to professional external support during emergencies.

For special scenarios such as power station operation and maintenance and confined space operations, person-specific and incident-specific emergency response arrangements have been developed, clearly defining key response steps and precautions. Relevant personnel receive regular training and drills to ensure scientific and efficient response in emergencies and to minimize incident impacts.



Human Resource Management

Employee Rights and Interests Protection

Recruitment and Employment

Employee Remuneration Package

Employee Training and Career Development

Employee Care and Corporate Culture

Social Responsibility and Contribution

08



Employee Rights and Interests Protection

EGING PV regards the protection of employees' lawful rights and interests as the cornerstone of human resource management, and establishes a comprehensive protection framework covering labor compliance, social security, and occupational safety.

■ Prohibition of child labor and forced labor

EGING PV strictly prohibits the use of child labor and rigorously defines the minimum employment age in accordance with applicable laws and regulations. Restrictions on positions for underage workers, together with corresponding protection requirements, are clearly specified. In addition, all forms of forced labor are strictly prohibited. The Company explicitly stipulates that it does not conduct business with suppliers or partners involved in forced labor or violations of child labor laws, thereby preventing risks related to labor rights and interests at the source of the supply chain.

■ Labor contracts and social insurance contributions

The Company signs labor contracts with all formal employees in accordance with the law, clearly defining key terms including employment conditions, job responsibilities, compensation, and rights and obligations. The labor contract signing rate reached 100%, ensuring that employment relationships are standardized and compliant. In strict compliance with national and local regulatory requirements, EGING PV makes full contributions to social insurance programs for employees, including pension insurance, medical insurance, unemployment insurance, work-related injury insurance, and maternity insurance. The participation rate reached 100%, effectively safeguarding employees' fundamental rights and interests.

Labor contract
signing rate

100%

■ Working hours and leave management

The Company strictly implements the Measures on Attendance Management and establishes a dynamic daily working hours monitoring mechanism to reasonably plan work assignments and strictly control excessive overtime, thereby ensuring that employees' working hours comply with applicable legal requirements. Employees' rights to rest and leave are fully safeguarded through the implementation of various leave policies, including paid annual leave, statutory holidays, marriage leave, and maternity leave, ensuring a work-life balance and the protection of employees' physical and mental well-being.

■ Work safety and labor protection

Adhering to the development philosophy of "environmental protection, health and safety," EGING PV continuously advances the construction of its safety management system. Through routine safety training, safety awareness campaigns, and emergency drills, employees' safety awareness and emergency response capabilities are strengthened. The Company has established a safety objective of "zero workplace injury incidents" and implemented a closed-loop mechanism for hazard reporting and rapid rectification, encouraging employees to proactively report unsafe equipment, operational hazards, and potential risks. The use of prohibited drugs or other controlled substances in the workplace is strictly forbidden to prevent safety incidents at the source. Meanwhile, the Company continues to optimize production processes to reduce the use and emissions of environmentally harmful substances and ensures proper disposal of various types of waste. Employees are encouraged to practice energy conservation, consumption reduction, and recycling, jointly creating a safe and environmentally friendly working environment.



Recruitment and Employment

Upholding the core principles of fairness, impartiality, and transparency, EGING PV has established a standardized and transparent recruitment and employment system, together with an equal protection mechanism free from discrimination, to safeguard equal development opportunities for every employee.

■ Recruitment process

All candidates are treated equally and selected based on merit. No discrimination is permitted on the basis of age, disability, ethnicity, gender, marital status, nationality, political affiliation, race, religion, sexual orientation, union membership, or any other protected characteristic. The recruitment process is conducted in an open and transparent manner, with clear recruitment requirements, selection criteria, and assessment procedures to ensure fair competition for all candidates. A relative-recusal mechanism is strictly implemented during interviews. Interviewers who have familial relationships with candidates are required to withdraw voluntarily to avoid potential conflicts of interest and ensure the fairness of recruitment outcomes.

■ Recruitment channels

EGING PV adopts a dual-track approach combining external recruitment and internal development to optimize its talent structure. Externally, the Company actively conducts university-enterprise cooperation and campus recruitment with institutions such as Shanghai Jiao Tong University, Jiangsu University, Changzhou University, and Hohai University, building a pipeline of high-quality candidates with strong professional capabilities and development potential. These initiatives expand the talent pool while improving the knowledge base and professional structure of the workforce. Internally, a competitive selection mechanism is implemented for open positions. When vacancies arise, priority is given to internal candidates. Positions are filled through open competition to identify and develop existing talent, thereby unlocking employee potential and stimulating internal motivation.



■ Equal treatment and non-discrimination for all employees

An "equal treatment for all employees" policy is strictly implemented across the workforce. In areas including compensation and benefits, job assignments, promotion and development, and training opportunities, all employees are treated equally without discriminatory restrictions. An employee equality oversight mechanism is also in place, encouraging employee feedback on any discriminatory behavior and ensuring effective implementation of equal treatment principles. During the Reporting Period, no violations related to discrimination were recorded.



■ Protection of female employees

Equal pay for equal work is implemented for male and female employees, ensuring that female employees in equivalent positions enjoy the same rights as male employees in terms of compensation, benefits, accommodation, and meals, and promotion opportunities. The Company explicitly prohibits pregnancy testing as part of pre-employment medical examinations for female candidates. Discrimination against candidates or employees based on gender-related medical examination results is strictly forbidden, thereby effectively protecting the employment rights and interests of female employees.

Employee Remuneration Package

EGING PV has established a remuneration and benefits system characterized by "value alignment, fair incentives, and shared development," which not only ensures fair employee remuneration but also fully motivates work engagement, enabling employees to share in the Company's development achievements.

Employee remuneration

A remuneration structure centered on a "position-based, performance-linked, and grade-based salary system" is implemented, supported by multiple distribution mechanisms. This ensures that remuneration is precisely aligned with job value, individual capability, performance contribution, and market benchmarks.

Performance incentives

EGING PV has formulated the Performance Management Plan to define a structured, end-to-end performance management framework. Annual operational targets are cascaded from the Company level down to departments and individual employees. Differentiated performance appraisal systems are designed for various job levels and categories, including middle and senior management, frontline managers, technical personnel, and frontline employees. Evaluation dimensions cover business performance, job competence, work attitude, and compliance performance. Performance appraisal results serve as a core basis for salary adjustment, bonus distribution, promotion recommendations, and training prioritization, thereby forming a virtuous cycle of "assessment–incentive–development."

Benefits

In addition to legally mandated benefits such as social insurance and housing provident fund contributions, the Company provides diversified employee benefits, including paid annual leave, statutory holidays, birthday benefits, and holiday gifts. For field employees exposed to potential personal accident risks, personal accident insurance is also provided, thereby comprehensively enhancing employee protection.

Senior management

Performance-based remuneration is closely linked to the achievement of annual business targets, the effectiveness of strategy implementation, and overall operational performance, thereby strengthening the orientation toward long-term value creation and managerial accountability.



General employees

Fixed salary is determined based on job value, job responsibilities, qualification requirements, skill level, and position held. Variable compensation includes performance-based pay and skill assessment bonuses. Benefit allowances cover transportation, communication, high-temperature subsidies, and meal subsidies.



Marketing personnel

A commission-based remuneration model directly linked to sales performance is applied, fully reflecting an incentive mechanism of "higher contribution, higher reward" and "greater performance, greater earnings."



Employee Training and Career Development

EGING PV regards employee training and career development as a key component of its core competitiveness, and promotes a corporate culture of "continuous learning." A structured training and development system is established based on the principles of "tiered classification, demand-driven delivery, and integration of learning with practice."

Training system

The Company has formulated the Management Policy of Employee Training, with the Human Resources Department taking overall responsibility for training coordination. A comprehensive training framework featuring clear dimensions and broad coverage has been established.



Course categories

Training programs are divided into general courses and professional courses. General courses focus on soft skills such as communication and collaboration, compliance management, and corporate culture. Professional courses emphasize specialized competencies in areas including technology research and development, production operations, marketing, and financial management.



Training levels

Targeted training courses are designed for different employee groups, including middle and senior management, frontline managers, and frontline employees, ensuring that training content is precisely aligned with job requirements.

Training implementation

In 2025, the Company achieved full employee coverage in training activities, with significant effectiveness.

At the company level, a total of 12 training sessions were conducted, with 321 participants. The training content covered market and industry analysis, internal audit knowledge, AED customs laws and regulations, risks related to cargo flow, information security, environmental pollution prevention and control, anti-corruption and integrity building, new material and new supplier onboarding processes, inbound and outbound warehousing and storage standards for modules and finished products in the Warehousing Department, optimization of procurement negotiation strategies, and customs trade security. All training records and course materials were uploaded to the internal OA platform, enabling employees to review and learn online. In addition, 194 employees participated in training satisfaction surveys, with a satisfaction rate of 99.48%.



Company-level training

12 sessions



Total participants

321



Participation in training satisfaction survey

194 employees



Satisfaction rate

99.48%



At the department level, 601 training sessions were conducted on an ongoing basis, with a total of 18,898 participants. Departments involved include PMC (4 participants), Warehousing Department (233 participants), Customer Service Department (44 participants), Quality Control Department (124 participants), Technology R&D Center (101 participants), and Module Business Unit (18,392 participants). These targeted training programs effectively enhanced operational skills and collaboration efficiency.

Ongoing training programs

601 sessions

Total participants

18,898

Talent development



EGING PV has established a talent pipeline development model characterized by "external recruitment plus internal development." Externally, it has developed industry–university–research cooperation relationships with multiple higher education institutions, including Shanghai Jiao Tong University, Jiangsu University, Changzhou University, and Hohai University, leveraging their academic research resources and talent advantages to attract high-quality fresh graduates and professional technical personnel. Internally, a comprehensive training program is implemented for new employees, consisting of orientation, on-the-job training, and mentorship guidance, enabling them to quickly familiarize themselves with business operations and integrate into the organization. For key personnel, advanced training programs and cross-functional rotation opportunities are provided to further develop diverse capabilities.

Employee promotion



EGING PV adheres to the principles of openness, fairness, and impartiality in employee promotion and has established a scientific and standardized promotion process. A closed-loop mechanism is implemented, covering employee self-application, qualification review by the Human Resources Department, cross-departmental comprehensive evaluation, management approval, and company-wide public announcement of appointments, ensuring transparency in the promotion process and fairness in outcomes. To support diverse career development needs, the Company provides dual career paths in management and technical tracks, enabling employees with different strengths to pursue clear and structured development pathways and achieve alignment between individual growth and corporate development.



Employee Care and Corporate Culture

EGING PV addresses employees' fundamental needs related to clothing, food, housing, and transportation, while also integrating multidimensional care covering emotional well-being and family support to enhance employees' sense of well-being and belonging in a comprehensive manner, thereby fostering a harmonious and symbiotic corporate culture.



Catering support

The Company operates employee canteens at its Changzhou East and West factories, with a total area of over 5,000 square meters, capable of serving more than 2,000 employees simultaneously. The canteens provide breakfast, lunch, dinner, late-night meals, and meal services for employees working overtime during public holidays.



Accommodation support

Over 200 employee dormitory rooms are provided. Shared facilities include laundry rooms and pantries. Surrounding amenities such as convenience stores and snack shops are available. Regular cleaning services are carried out by dedicated staff to maintain a clean and comfortable living environment.



Transportation support

Company vehicles are provided to meet business travel and corporate reception needs. Charging stations for electric vehicles, as well as designated parking areas for cars and electric bicycles, are available within the factory premises to facilitate employee commuting.



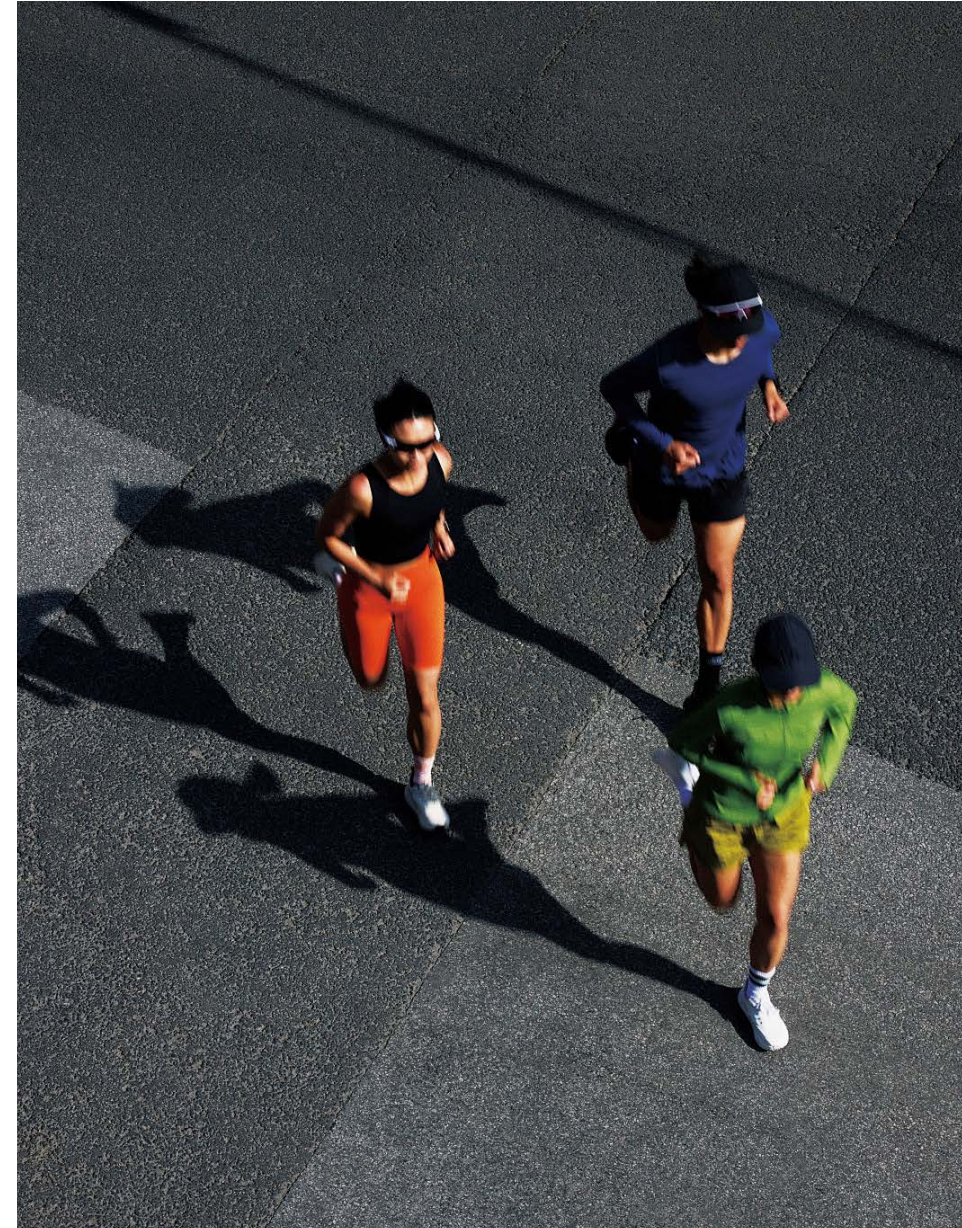
Work attire support

Administrative staff are provided with summer polo shirts, while frontline production employees are equipped with summer, winter, and spring uniforms as well as anti-static and dust-proof garments, ensuring both professional appearance and practical functionality.



Employee convenience facilities

The administrative building is equipped with a gym and a Party-building activity room. Pantries and microwave ovens are available on each floor. In addition, self-service dining areas and private dining rooms are provided, fully meeting employees' work and daily life needs.



Employee care programs

Physical and mental health protection

Regular comprehensive health examinations are organized for employees, and individual health records are established for continuous monitoring of employees' health conditions. A hospitalization visitation system is in place, under which department heads and HR teams visit hospitalized employees to provide care and support. Employees' right to rest is safeguarded through the implementation of paid annual leave, promoting work-life balance. In addition, personal accident insurance is provided for field employees to mitigate occupational risks.

Emotional and psychological care

Employee communication channels are well established to ensure timely collection and response to employee feedback and reasonable requests. Birthday celebration activities are organized to strengthen employees' sense of belonging. For major personal events such as marriage or bereavement of employees or their immediate family members, department leaders conduct in-person visits or send condolences. During major holidays, as well as extreme weather conditions such as severe cold or heat, frontline employees who remain on duty are visited and supported to express care and respect.

Cultural and sports activities

Various cultural and sports groups, including basketball, table tennis, badminton, singing and dancing, and public speaking clubs, have been established. A series of annual activities and competitions are organized to encourage participation, particularly among frontline employees. Family engagement activities are also regularly held, inviting employees' family members and children to visit the Company, participate in interactive programs, and join parent-child games, thereby strengthening family bonds.

Family support and care

The Company optimizes the compensation and benefits system to enhance employee income levels. A hardship assistance mechanism is established to provide financial support and humanitarian care to employees facing serious illness, family emergencies, or other difficulties. Additionally, a one-time cash reward is granted to employees' children who are admitted to Project 211 and Project 985 universities, supporting their educational development.



Social Responsibility and Contribution

As a bridge connecting the enterprise and its employees, EGING PV carries out a range of targeted and tailored employee care initiatives to effectively enhance employees' sense of gain and belonging.

Summer cooling initiative

In response to high-temperature conditions during summer, the trade union organizes a "Summer Cooling Initiative" to provide care for employees working in production, office, and field positions. Cooling care packages are distributed uniformly, including refreshing beverages and heat-prevention medicines, effectively alleviating discomfort caused by high temperatures and safeguarding employees' health and working comfort during hot-weather operations.

Summer vacation childcare support

To address childcare challenges faced by dual-income families during school holidays, the trade union proactively coordinates with relevant departments to jointly provide free summer vacation childcare services. Professional care and engaging activities are offered for school-aged children, effectively reducing the childcare burden on employees during the summer vacation and enabling them to focus on their work with peace of mind. The program is thus well received by employees.



Appendix: Key ESG Data

Corporate Governance Performance

Operation of the three governance bodies	Number of shareholders' meetings	5	Number of meetings of the Board of Directors	6	Number of meetings of the Board of Supervisors	3				
	Number of proposals reviewed at shareholders' meetings	27	Number of proposals reviewed at the Board of Directors meetings	33	Number of proposals reviewed at the Board of Supervisors meetings	13	Proportion of independent directors	33.33%		
Information disclosure	Number of disclosure documents	142	No violations in information disclosure	Yes						
Business ethics	Confirmed incidents of corruption	0	Unfair competition and antitrust incidents	0	Proportion of middle and senior management who signed the integrity commitment letter	100%	Number of anti-corruption training sessions	1	Anti-corruption training coverage for directors, supervisors, and senior management	100%
Anti-unfair competition	Litigation/penalties related to unfair competition	0								

Information
security

Customer privacy complaints

0

Data leakage/loss incidents

0

Intellectual
property
management

Cumulative patent applications

627

Cumulative invention patent applications

212

Cumulative utility model patent applications

409

Cumulative design patent applications

6

Cumulative patents granted

416

Cumulative invention patents granted

146

Cumulative utility model patents granted

267

Cumulative design patents granted

3

Patent applications during the
Reporting Period

24

Invention patent applications during
the Reporting Period

1

Utility model patent applications during
the Reporting Period

23

Patents granted during the
Reporting Period

70

Invention patents granted during
the Reporting Period

4

Utility model patents granted during the
Reporting Period

66

Cumulative trademarks registered

51

Trademarks registered during
the Reporting Period

31

Cumulative software copyright
registrations

1

Environmental Performance

Environmental management	Total investment in environmental protection RMB 1,394,800	Environmental violations/penalties 0	Coverage of environmental management system certification for production bases 100%	
Pollutant emission management	NOx emissions 0.019 tons	SOx emissions 0.01 tons	VOC emissions 2.94 tons	PM emissions 0 tons
	COD emissions 0.141 tons	NH3-N emissions 0.004 tons	TN emissions 0.009 tons	Wastewater discharge volume 11,126 m ³
	Wastewater discharge compliance rate 100%	Waste gas emission compliance rate 100%		
	Waste management	Total waste generated 286.736 tons	Hazardous waste generated 19.126 tons	Non-hazardous waste generated 267.61 tons
Carbon emission management		Scope 1 emissions 484 tCO ₂ e	Scope 2 emissions 23,435 tCO ₂ e	Carbon emission intensity per unit of output value (operations) 0.15 tCO ₂ e/RMB10,000
	Total carbon emissions (Scope 1+2+3) 134,996 tCO ₂ e	Scope 3 emissions 111,077 tCO ₂ e		

Environmental Performance

Energy management	Purchased electricity consumption	Self-generated electricity consumption (rooftop PV)	Total electricity consumption
	40,521.478 MWh	13,451.773 MWh	53,973.251 MWh
	Steam consumption	Diesel consumption	Natural gas consumption
	0 tons	16 tons	41,146 m ³
Water resource management	Total water withdrawal		
	291,036 tons		

Social Performance

Employee rights and interests protection	Labor contract signing rate	Social insurance coverage rate	Customer service	Customer satisfaction
	100%	100%		96%

Employment management

Total number of employees

907

Male employees

619

Female employees

288

Employees with disabilities

1

Proportion of employees with disabilities

0.11%

Aged 50 and above

196

Aged 40–50 (excluding 50)

355

Aged 30–40 (excluding 40)

294

Aged below 30 (excluding 30)

62

Doctorate

1

Master's degree

17

Bachelor's degree

164

Below bachelor's degree

725

R&D personnel

127

Production personnel

551

Marketing personnel

36

Functional management personnel

193

Employee training

Total training hours

1,115.6 hours

Average training hours per employee

1.23 hours

Average hours of safety training per employee

2 hours

Average hours of new employee training

1.5 hours

Coverage rate of new employee training

100%

Employee health and safety	Total investment in employee health and safety	Work-related fatalities	Work-related injuries	Occupational disease incidence rate	Safety training coverage rate	Hazard rectification rate
	RMB 6,143,000	0	0	0	100%	100%
Product quality and safety	Facility and equipment maintenance rate	Emergency drills	Pre-employment occupational health examination rate	On-the-job occupational health examination rate	Exit occupational health examination rate	
	100%	13	100%	100%	100%	
Innovation	Major product quality incidents	Product traceability coverage rate	Customer complaint resolution rate			
	0	100%	100%			
Supply chain management	Number of R&D personnel	Proportion of R&D personnel	R&D investment	R&D investment as a percentage of revenue		
	127	14.00%	RMB 94,188,300	5.24%		
Supply chain management	Total number of suppliers	Domestic suppliers	Overseas suppliers	New suppliers during the Reporting Period		
	147	147	0	18		
Supply chain management	Suppliers removed during the Reporting Period	Supplier audits conducted during the Reporting Period				
	0	31				

Guide Index of the Report

Guidelines No. 14 of Shanghai Stock Exchange for Self-Regulation of Listed Companies—Sustainability Report (Trial)

Dimension	Number	Subject	Corresponding clause	The corresponding chapter of this report
Environmental dimension	1	Climate change response	Articles 21 to 28	Environmental Management (Section on Carbon Neutrality and Climate Change Response)
	2	Pollutant emissions	Article 30	Environmental Management (Pollutant Management)
	3	Waste disposal	Article 31	Environmental Management (Pollutant Management)
	4	Ecological Protection and Biodiversity	Article 32	Environmental Management (Ecological Protection and Biodiversity)
	5	Environmental compliance management	Article 33	Environmental Management (Environmental Compliance Management)
	6	Energy utilization	Article 35	Environmental Management (Energy Management)
	7	Water resource utilization	Article 36	Environmental Management (Water Resource Management)
	8	Circular economy	Article 37	Green Innovation(Green Products and Solutions)
Social dimension	9	Rural revitalization	Article 39	Human Resource Management (Social Responsibility and Contribution)
	10	Social contribution	Article 40	Human Resource Management (Social Responsibility and Contribution)
	11	Innovation-driven development	Article 42	Green Innovation(R&D Innovation Management)
	12	Ethics of Science and Technology	Article 43	During the reporting period, the Company's business did not cover scientific and technological fields such as genetics and artificial intelligence ethics, and no activities related to scientific and technological ethics were involved in its production and operation.
	13	Supply chain security	Article 45	Joint Industrial Development (Supply Chain Management)
	14	Treat small and medium-sized enterprises on an equal footing	Article 46	During the reporting period, the Company has no overdue payments payable to small and medium-sized enterprises. Neither does the balance of accounts payable (including notes payable) at the end of the reporting period exceed 30 billion yuan, nor account for more than 50% of the total assets.
	15	Product and service security and quality	Article 47	Joint Industrial Development (Product Quality and Safety)
	16	Data security and customer privacy protection	Article 48	Corporate Governance (Information Security Management)
17	Employee	Article 50	Human Resource Management (Sections 1 to 5)Work Safety Management (Sections 1 to 4)	
Governance dimension	18	Due diligence	Article 52	Joint Industrial Development (Supply Chain Management)
	19	Communication with stakeholders	Article 53	Sustainable Development Management(Communication with Stakeholders)
	20	Anti-commercial bribery and anti-corruption	Article 55	Corporate Governance (Business Ethics and Integrity Building)
	21	Anti-unfair competition	Article 56	Corporate Governance (Business Ethics and Integrity Building)

Chapter	Report Section	Global Reporting Initiative Standards (GRI Standards)	EU Corporate Sustainability Reporting Directive (CSRD) (ESRS Standards)	SASB Sustainability Accounting Standards
About EGING PV	Company Profile	GRI 2-1 GRI 2-6	ESRS 2 GOV-1 ESRS 2 SB-1	/
	Development History	GRI 2-1	ESRS 2 SB-1	/
	Business Presence	GRI 2-6	ESRS 2 SB-1	/
	Global Service	GRI 2-6	ESRS 2 SB-1	/
	ESG-related Honors and Awards	/	/	/
Sustainable Development Management	ESG Strategy	GRI 2-22 GRI 2-23	ESRS 2 SBM-1 ESRS 2 SBM-2	/
	ESG Governance	GRI 2-9 GRI 2-12	ESRS 2 GOV-1 ESRS 2 GOV-2	/
	ESG Action Response	GRI 2-23 GRI 2-24	ESRS 1 BP-2 ESRS 2 IRO-1	/
	Communication with Stakeholders	GRI 2-29 GRI 3-1	ESRS 2 IRO-2 ESRS 2 SBM-3	/
	Materiality Issues Evaluation	GRI 3-1 GRI 3-2	ESRS 2 IRO-1 ESRS 2 IRO-2	/

Chapter	Report Section	Global Reporting Initiative Standards (GRI Standards)	EU Corporate Sustainability Reporting Directive (CSRD) (ESRS Standards)	SASB Sustainability Accounting Standards
Green Innovation	R&D Innovation Management	GRI 203-1 GRI 302-4	ESRS E1-5 ESRS E5-1	/
	Green Products and Solutions	GRI 301-1 GRI 305-5 GRI 306-3	ESRS E1-4 ESRS E2-1 ESRS E5-1	RR-ST-410b.1 RR-ST-410b.2
	Intellectual Property Management	GRI 203-1 GRI 2-23	ESRS G1-1 ESRS G1-2	/
	Digital Construction	GRI 203-1 GRI 302-4	ESRS E1-5 ESRS G1-3	/
Joint Industrial Development	Product Quality and Safety	GRI 416-1 GRI 417-1	ESRS S2-1 ESRS S2-2	/
	Customer Service	GRI 2-29 GRI 417-1	ESRS S2-3 ESRS S2-4	/
	Supply Chain Management	GRI 2-6 GRI 308-1 GRI 414-1	ESRS S2-5 ESRS S2-6 ESRS E1-6	RR-ST-440a.2 RR-ST-440a.3
	Corporate Governance System	GRI 2-9 GRI 2-12	ESRS 2 GOV-1 ESRS 2 GOV-2	/

Chapter	Report Section	Global Reporting Initiative Standards (GRI Standards)	EU Corporate Sustainability Reporting Directive (CSRD) (ESRS Standards)	SASB Sustainability Accounting Standards
Corporate Governance	Internal Control and Risk Management	GRI 2-25 GRI 2-26	ESRS 2 GOV-4 ESRS 2 GOV-5	/
	Internal Audit	GRI 2-25 GRI 2-26	ESRS 2 GOV-4 ESRS 2 GOV-5 ESRS 2 GOV-6	/
	Business Ethics and Integrity Building	GRI 2-16 GRI 205-1 GRI 205-2	ESRS G1-1 ESRS G1-4 ESRS G1-5	/
	Information Security Management	GRI 418-1	ESRS G1-2 ESRS G1-3 ESRS S2-4	/
Environmental Management	Environmental Compliance Management	GRI 2-27 GRI 307-1	ESRS E1-1 ESRS E2-1 ESRS E5-1	RR-ST-150a.2
	Energy Management	GRI 305-1 GRI 305-2 GRI 305-5	ESRS E1-1 ESRS E1-4 ESRS E1-6	RR-ST-130a.1
	Water Resource Management	GRI 302-1 GRI 302-4	ESRS E1-5 ESRS E1-6	RR-ST-130a.1

Chapter	Report Section	Global Reporting Initiative Standards (GRI Standards)	EU Corporate Sustainability Reporting Directive (CSRD) (ESRS Standards)	SASB Sustainability Accounting Standards
Environmental Management	Water Resource Management	GRI 303-1 GRI 303-3 GRI 303-5	ESRS E3-1 ESRS E3-2	RR-ST-140a.1 RR-ST-140a.2
	Pollutant Management	GRI 306-2 GRI 306-3 GRI 306-5	ESRS E2-1 ESRS E2-2 ESRS E2-3 ESRS E5-2	RR-ST-150a.1 RR-ST-150a.2
	Ecological Protection and Biodiversity	GRI 304-1 GRI 304-2	ESRS E4-1 ESRS E4-2 ESRS E4-3	RR-ST-160a.2
Work Safety Management	Work Safety Assurance	GRI 403-1 GRI 403-5	ESRS S1-1 ESRS S1-2 ESRS S1-3	/
	Risk Management and Hazard Control	GRI 403-2 GRI 403-9	ESRS S1-4 ESRS S1-5 ESRS S1-6	RR-ST-410a.1 RR-ST-410a.2
	Occupational Health and Safety Management	GRI 403-1 GRI 403-3 GRI 403-6	ESRS S1-7 ESRS S1-8 ESRS S1-9	/

Chapter	Report Section	Global Reporting Initiative Standards (GRI Standards)	EU Corporate Sustainability Reporting Directive (CSRD) (ESRS Standards)	SASB Sustainability Accounting Standards
	Emergency Response Management	GRI 403-2	ESRS S1-6 ESRS S1-10	RR-ST-150a.2
Human Resource Management	Employee Rights and Interests Protection	GRI 2-7 GRI 401-2 GRI 410-1	ESRS S1-1 ESRS S1-2 ESRS S1-4 ESRS S1-5	/
	Recruitment and Employment	GRI 2-7 GRI 401-1 GRI 406-1	ESRS S1-6 ESRS S1-7 ESRS S1-9	/
	Employee Remuneration Package	GRI 2-21 GRI 401-2	ESRS S1-10 ESRS S1-11 ESRS S1-12	/
	Employee Training and Career Development	GRI 404-1 GRI 404-3	ESRS S1-13 ESRS S1-14 ESRS S1-15	/
	Employee Care and Corporate Culture	GRI 403-6	ESRS S1-16 ESRS S1-17 ESRS S1-18	/
	Social Responsibility and Contribution	GRI 413-1 GRI 413-2	ESRS S3-1 ESRS S3-2 ESRS S3-3	RR-ST-160a.2

