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# ■ 5 月新能源车零售预计 77.0 万辆,2026 年上汽全固态电池将实现交付量产

# 投资要点:

- 5月新能源车零售预计 77.0 万辆, 环比+13.7%, 渗透率预计为 46.6%。根据乘联会公众号, 5 狭义乘用车零售总市场规模预计约为 165.0 万辆左右, 同比-5.3%。由于上半月市场热度明显低于往年同期, "五一"之后终端人气回落, 各厂商纷纷出台加码促销, 5 月中旬乘用车市场终端折扣-22.2%, 相较 4 月底, 总体市场价格仍在下探。新能源市场相对稳健, 5 月全月新能源零售预计可达77.0 万, 环比 4 月增长 13.7%, 渗透率预计为 46.6%, 再创新高。
- 特斯拉上海储能超级工厂正式开工。根据特斯拉公众号,2024年5月23日特斯拉上海储能超级工厂正式开工,这是特斯拉在美国本土以外的首个储能超级工厂项目,特斯拉超大型商用电化学储能系统 Megapack 即将在中国完成生产与交付,单个 Megapack 可以储存超过3900度电。2023年特斯拉新增储能规模1470KWh,同比+125%,超过此前三年的总和。
- 2026 年上汽全固态电池将实现交付量产,能量密度超过 400Wh/kg。根据上汽集团公众号,24 年 10 月份,搭载光年固态电池的智己 L6,将正式交付用户,能量密度超过 300Wh/kg,续航里程超过一千公里。2026 年,上汽全固态电池将实现交付量产,并完成样车测试,能量密度超过 400Wh/kg,是传统动力电池的一倍以上;2027 年,搭载全固态电池的智己新车将实现量产,并正式交付用户;后续,能量密度有望进一步提升至 500Wh/kg。上汽全固态电池基于聚合物-无机物复合电解质技术路线,将于 2026 年实现量产;能量密度更高,能量密度超过 400Wh/kg,体积能量密度超过 820Wh/L,电池容量能够超过 75Ah;安全性能更好,在针刺以及 200℃热箱的场景下,能够确保电芯不起火不爆炸;适用范围更广,固态电池低温容量保持率超过 90%;物料成本更低,基于材料和工艺的简化和创新,从电芯端到 PACK端,单位成本最多可降低 40%。
- 碳酸锂均价徽降。根据鑫椤锂电公众号, 2024年5月24日电池级碳酸锂价格为10.5-10.9万元/吨,工业级碳酸锂(盐湖)价格为10.1-10.3万元/吨,此前一周(2024年5月17日)电池级碳酸锂价格为10.6-10.9万元/吨,工业级碳酸锂(盐湖)价格为10.3-10.4万元/吨,碳酸锂均价微降。
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- 风险提示。新能源汽车下游不及预期,新技术发展速度不及预期。

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### APPENDIX 1

## Summary

### Investment Highlights:

NEV retail sales in May are expected to reach 770,000 units, up 13.7% month-on-month, with a penetration rate of 46.6%. Passenger car retail sales are projected to be around 1.65 million units, down 5.3% YoY. Due to lower market activity in the first half of the month and post-holiday demand drop, manufacturers increased promotions, leading to a 22.2% discount in mid-May. The NEV market remains robust, with sales expected to hit 770,000 for the month, a 13.7% increase from April, setting a new record for penetration rate.

Tesla's Shanghai energy storage gigafactory has commenced construction. By May 2023, Tesla's storage capacity increased by 1470KWh, up 125% YoY, surpassing the total of the previous three years.

SAIC Motor's solid-state batteries, with an energy density over 400Wh/kg, are set for mass delivery in 2026. The batteries are based on polymer-inorganic composite electrolyte technology, offering higher safety and wider application range, with costs potentially reduced by up to 40%.

Lithium carbonate prices have slightly decreased. As of May 24, 2024, the price for battery-grade lithium carbonate is between RMB 105,000 and 109,000 per ton, and for industrial-grade (from salt lakes) between RMB105 101,000 and 103,000 per ton, marking a slight decline from the previous week.

Investment advice: Focus on industry leaders across the supply chain, such as Contemporary Amperex Technology, EVE Energy, and others, as well as companies related to new technologies like sodium batteries and fast charging technologies.

Risk Warning: NEV sales or new technology development may be weaker than expected.

### 附录 APPENDIX

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各地股票基准指数:日本 - TOPIX,韩国 - KOSPI,台湾 - TAIEX,印度 - Nifty100,美国 - SP500;其他所有中国概念股 - MSCI China.

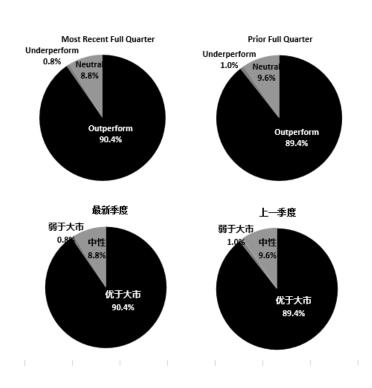
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	(持有)		
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卖出, 未来 12-18 个月内 预期相 对基准指数跌幅在 10%以上, 基准定义如下

各地股票基准指数:日本 - TOPIX, 韩国 - KOSPI, 台湾 - TAIEX, 印度 - Nifty100; 其他所有中国概念股 - MSCI China.

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	Outperform	Neutral	Underp er for m
		(h ol d)	
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