

# Expansion plan of leading lithium battery companies

Who makes the most EV batteries in the world?

China is the undisputed leader in battery manufacturing, dominating the global production of essential battery materials such as lithium, cobalt, and nickel. Chinese companies supply 80% of the world's battery cells and control nearly 60% of the EV battery market. 13. Amperex Technology Limited (ATL) 12. Envision AESC 11. Gotion High-tech 10.

Why do we need lithium-ion batteries?

The ongoing paradigm shift in the mobility segment toward electric vehicles (EVs) created a need to build out the entire value chain. Consequently, demand for materials like lithium and lithium-ion batteries has increased meaningfully in recent years.

Which EV battery manufacturer has the largest market share?

According to SME Research, CATL is the world's largest EV battery manufacturer, with 37.7% of the market share. Plus, it is the only battery supplier with a market share of over 30%. CATL has 6 R&D facilities, five in China and one in Germany. In 2023, they spent about \$2.59 billion in R&D, an 18.35% increase from the previous year.

Who makes the EV Revolution possible?

While many investors are familiar with dedicated electric automakers such as Tesla and Rivian, there's an entire ecosystem of companies further up the value chain making the EV revolution possible. In this piece, we highlight four key players in the lithium and battery space. It serves as a follow-up to our 2020 piece by the same name.

Does Samsung sell lithium ion batteries?

Samsung SDI is a major supplier of lithium-ion batteries for EVs. It develops and supplies key battery materials like cathode materials, which are crucial for the performance and efficiency of lithium-ion batteries. The company has secured supply agreements with leading automakers, including Stellantis, Rivian, BMW, and Volkswagen Group.

Who is China Aviation lithium battery technology (CALB)?

CALB (short for China Aviation Lithium Battery Technology) is among the top five Chinese battery manufacturers specializing in the research, development, production, and sales of high-quality lithium-ion batteries. It operates multiple production facilities across China, with major plants located in Wuhan, Luoyang, and Changzhou.

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Details ongoing expansion programs expected to more than double total sales volumes by 2028 across multiple products and regions Outlines path to Adjusted EBITDA1 of ...

In May 2023, the company announced a definitive agreement with Ford to supply 100,000 metric tons of battery-grade lithium hydroxide between 2026 and 2030.<sup>24</sup> This deal would be enough to supply as many as 3 million EVs.<sup>25</sup> In September 2023, Albemarle ...

JLR plans to launch electric versions of all its models by 2025. To support this, they're working on their own battery technology. The company is building a battery assembly center in the UK. This facility will make battery ...

Many Chinese battery makers are already charting global expansion plans. Gotion Inc unveiled plans to set up a \$2 billion EV lithium battery manufacturing plant in Illinois in the United States.

Lithium batteries are the core of new energy vehicles. Alongside China's remarkable achievements in the field of new energy vehicles, the Chinese lithium battery industry has become a globally influential business card. The industry has come a long way in the past decade, witnessing the growth and rise of leading companies such as CATL (????), EVE ...

The company plans to boost lithium production and conversion capacity by as much as 3x between 2022 and 2030, which aligns with the company's long-term expectations for lithium demand. <sup>19</sup> Albemarle expects global lithium demand to grow by about 3.1x between 2023 and 2030, with more than 80% of that demand growth likely to come from EV applications. <sup>20</sup>

The lithium-ion battery market alone is expected to exceed \$182.5 billion by 2030, ... This builds on a previous expansion announced in 2023, bringing the total investment to \$3.12 billion and supporting 2,700 jobs ...

Singapore, 01 March 2023 - Singaporean Lithium-ion battery manufacturer Durapower Holdings Pte Ltd ("Durapower") wishes to announce that Banpu NEXT Company Limited ("Banpu NEXT"), a subsidiary of Banpu Public Company ...

EVE Energy Co., Ltd. is a leading company in the lithium battery industry. It focuses on three main areas: consumer batteries, power batteries, and energy storage batteries. Since its stock market debut in 2009, ...

In 2021, the sales of new energy vehicles in China continued to exceed expectations, and the permeability increased significantly, driving the demand for lithium batteries and ushering in market opportunities for lithium battery equipment. &quot;benefiting from the development of the downstream industry and the improvement of customer demand, the company signed a new ...

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BYD, a Chinese battery maker, dominates the EV and battery market with its vertical integration, affordability, and global expansion plans. Arcadium Lithium, a new major ...

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