

## **France Electric Vehicle Battery Manufacturing - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)**

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### **Report description:**

The France Electric Vehicle Battery Manufacturing Market size is estimated at USD 0.70 billion in 2025, and is expected to reach USD 2.05 billion by 2030, at a CAGR of 24.17% during the forecast period (2025-2030).

#### Key Highlights

- Over the medium term, the increasing adoption of electric vehicles and related investments in electric vehicle battery manufacturing units are likely going to drive the market.
- Conversely, the lack of raw material reserves might hinder the market's growth during the forecasted period.
- Nevertheless, the government's ambitious targets for the expansion of e-mobility and curbing carbon emissions from the transportation sector are likely to present market opportunities for the market players during the forecasted period.

#### France Electric Vehicle Battery Manufacturing Market Trends

##### Lithium-ion Battery Manufacturing to Hold Significant Share

- The lithium-ion battery comprises a cathode, an anode, and a separator that isolates the two electrodes. The separator, moistened with electrolyte, acts as a catalyst, facilitating the movement of ions from the cathode to the anode during charging and reversing the process during discharging. Its reasonable cost, high specific energy, and ability to endure numerous charge-discharge cycles render it ideal for electric vehicles.
- As Europe's automotive sector pushes towards decarbonization, investing in gigafactories-large-scale rechargeable battery

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manufacturing facilities-becomes crucial. In September 2023, Macquarie Asset Management, the primary investor in Verkor, a French battery manufacturer, is amplifying Lithium-ion battery production with an investment close to USD 2.17 billion.

- In February 2024, ACC, a French firm, clinched a significant USD 4.4 billion for establishing three gigafactories focused on lithium-ion battery cell production. These facilities will be constructed in France, complemented by investments in research and development. The debt package, solely supported by a consortium of prominent commercial banks-BNP Paribas, Deutsche Bank, ING, and Intesa Sanpaolo-also garners backing from Bpifrance, Euler Hermes, and SACE.
- Similarly, VoltR, a company based in Pays de la Loire, France, specializing in rejuvenating lithium batteries, recently announced a funding achievement. The firm raised USD 4.3 million in its inaugural fundraising round, with significant backing from C4 Ventures and Exergon. With this funding, VoltR aims to set up its first lithium battery reconditioning facility within the next two years. Such investments are poised to bolster France's electric vehicle battery manufacturing market during the forecast period.
- Most electric vehicles are now integrating lithium-ion batteries. According to the International Energy Agency, electric vehicle sales in France have been on the rise in recent years. In 2023, sales of electric cars, encompassing both plug-in hybrids and battery electric vehicles, reached 470,000 units, marking a 38% increase from the prior year. This upward trajectory in electric car sales is anticipated to bolster France's electric vehicle battery manufacturing market in the forecast period.
- Given these trends, France's electric vehicle battery manufacturing market is set for rapid growth in the forecast period.

### Government Emphasis to Introduce E-Mobility

- In France, the market for battery manufacturing equipment is on the rise, driven by heightened awareness of environmental concerns and efforts to curb carbon dioxide emissions, especially from the transportation sector. Consequently, government initiatives are poised to benefit the electric vehicle battery manufacturing market during the forecast period.
- In May 2024, the French government sealed a deal with the automotive sector, ambitiously targeting 800,000 annual electric vehicle (EV) sales by 2027. This target, a centerpiece of the 2024-2027 sectoral agreement, emphasizes nearly tripling sales of electric passenger cars (PCs) in four years and significantly boosting battery electric light-duty vehicles (LDVs). Such moves are set to drive the growth of France's electric vehicle manufacturing market in the coming years.
- Industry players in France are ramping up the nation's electric vehicle production. For example, the Renault Group, through its new venture Renault ElectriCity, has centralized its electric vehicle manufacturing in Douai, Maubeuge, and Ruitz. Renault's ambitious goal is to produce 400,000 electric vehicles annually in France by 2025, aiming to establish the nation as Europe's leading hub for competitive and efficient electric vehicle production. Achieving such targets could further invigorate the electric vehicle manufacturing market in the years ahead.
- New government subsidies are set to boost electric vehicle sales in France. In September 2023, the government announced plans for these subsidies, part of a draft law to strengthen the "green industry" and accelerate "reindustrialization." The intent is not just to enhance domestic production but also to reduce dependence on imported electric vehicles, especially from China.
- Moreover, these initiatives in France are poised to elevate electric vehicle sales across Europe. According to the International Energy Agency, Europe recorded sales of 3.3 million electric cars in 2023, marking a 22% increase from the previous year. This upward trend is expected to persist.
- As a result, France's electric vehicle manufacturing market is projected to experience significant growth during the forecast period.

### France Electric Vehicle Battery Manufacturing Industry Overview

The electric vehicle battery manufacturing equipment market is moderate. Some of the major players (not in particular order) include Verkor, Contemporary Amperex Technology Co. Limited, Saft Groupe S.A., Tesla Inc., and FIAMM SpA.

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- The market estimate (ME) sheet in Excel format
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