

# Europe LFP Battery Pack - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2024 - 2029)

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## Abstracts

The Europe LFP Battery Pack Market size is estimated at 2.07 billion USD in 2024, and is expected to reach 4.39 billion USD by 2029, growing at a CAGR of 16.24% during the forecast period (2024-2029).

The European LFP battery pack market is expected to witness strong growth on the back of BEV adoption

The adoption and sales of LFP battery packs in Europe have seen a significant growth trajectory. According to a report by ResearchAndMarkets, the market for LFP battery packs in Europe is expected to reach USD 13.5 billion by 2026, with a CAGR of 14.1% from 2021 to 2026. The growth can be attributed to the increasing demand for electric vehicles and the need for reliable, high-performance, and affordable battery solutions.

The increasing demand for LFP battery packs in Europe is due to their several benefits, including higher safety levels, longer life cycles, and lower cost compared to other types of battery packs. With advancements in battery technology, the density and range of LFP battery packs have been increasing, providing longer ranges and improving the overall performance of electric vehicles. The cost of LFP battery packs has also been decreasing, making them more accessible to consumers and boosting their adoption in the market.

Due to substantial expenditures being made in the study and development of battery technologies, the LFP battery pack industry in Europe has a bright future. The main

goals are to further enhance the performance, decrease the weight, and boost the energy density of LFP battery packs. LFP battery packs will become even more competitive on the market and, as a result of this, help to lower their price. During the anticipated period of 2023-2029, demand for LFP battery packs is anticipated to increase in Europe as a result of the growing adoption of electric cars and the desire for sustainable energy solutions.

Germany emerges as a key player in the European LFP battery pack market with remarkable growth

The European electric vehicle LFP battery pack market is a dynamic and growing market. The market is expected to continue to grow in the coming years, driven by the increasing adoption of EVs and the declining cost of battery packs. In addition to the factors mentioned above, several other factors are expected to drive the growth of the European electric vehicle battery pack market in the coming years.

Germany stands out as a leading player in the market, with a remarkable increase in value over the years. This growth can be attributed to various factors, such as government support for electric vehicles, rising consumer demand for EVs, and advancements in battery technology. Germany's robust automotive industry, combined with substantial investments by major automakers in electric vehicle production, has significantly contributed to the surge in demand for battery packs.

France, another prominent European country, has witnessed notable growth in the battery pack market. France's commitment to promoting the adoption of electric vehicles through favorable policies and incentives has played a significant role in driving the growth of the battery pack market. Italy, while exhibiting slower growth compared to Germany and France, has still experienced an upward trend in the battery pack market. Factors such as increasing consumer awareness of electric vehicles, government incentives, and technological advancements have contributed to the market's growth in Italy. As the demand for electric vehicles continues to rise, battery packs are expected to play a crucial role in supporting the transition toward sustainable mobility in Italy.

Europe LFP Battery Pack Market Trends

**TOYOTA GROUP LEADS THE EUROPEAN EV MARKET, FOLLOWED BY RENAULT, TESLA, KIA, AND BMW**

The market for electric vehicles in various European countries is growing significantly, with numerous players operating, but it is largely driven by five major companies, which held more than 50% of the market in 2022. These companies include Toyota Group, Kia, Renault, Tesla, Kia, and Volkswagen. Toyota Group is the largest seller of electric vehicles in Europe, accounting for around 14.84% share of the electric car market. The company has a strong supply and distribution network catering to the demand and supply of customers in various European countries. The company has a wide product portfolio offering in the EV market.

Renault holds a market share of around 7.47%, making it the second-largest seller of electric vehicles across Europe. The company has a good brand image and a strong financial position. The company has alliances and strategic partnerships with good brands such as Nissan. The 3rd highest market share, 6.71%, for electric vehicle sales was recorded by Tesla. The business focuses on cutting-edge innovations and has solid strategic alliances with producers of several EV parts, including batteries.

The 4th largest place in European EV sales is Kia, accounting for around 6.26% of the market share. The company has wide product offerings for various types of customers with various budget-friendly options compared to other brands. The 5th largest player operating in the European EV market is BMW, maintaining its market share at around 6.14%. Some of the other players selling EVs in various European countries include Hyundai, Mercedes-Benz, BMW, Audi, and Ford.

Tesla and Renault are the largest contributors to the demand for battery packs, as a result of the widespread sale of EVs in Europe in 2022

The demand for electric vehicles has dramatically increased during the past several years in every part of Europe. Electric vehicles are now more prevalent on European roadways. Although consumer interest in buying electric vehicles varies by area and by country, SUVs are the most popular type of electric vehicle in Germany and the United Kingdom, the region's two biggest markets for electric vehicles. The demand for electric SUVs is outpacing that for sedans in various European countries due to the increased interest in comfortable transportation and the fact that SUVs are roomier than sedans.

The number of compact SUVs purchased by consumers has increased dramatically across Europe. The Tesla Model Y offers a fully electric motor, a 5-star NCAP safety

certification, spacious seating for up to 7 passengers, a long-range, and other features. It became one of the most popular models in several major European markets, including the United Kingdom and Germany, in 2022. The Renault Arkana provides a full hybrid engine, which has received a strong sales reaction from customers in several European nations like France due to its fuel efficiency and competitive pricing.

Captur was one of the best sellers from Renault in the European countries in 2022, owing to its offering of a hybrid and a plug-in hybrid powertrain, and is packed with lots of features attracting buyers. The European EV market also features a variety of electric SUVs and sedans from various international brands. One of the common cars is the Toyota Yaris and Ford Kuga, which recorded good sales in 2022. Other cars in the European EV market that are in the competition include the Fiat 500 and Toyota Yaris Cross.

## Europe LFP Battery Pack Industry Overview

The Europe LFP Battery Pack Market is fragmented, with the top five companies occupying 35.91%. The major players in this market are BYD Company Ltd., Contemporary Amperex Technology Co. Ltd. (CATL), Prime Planet Energy & Solutions Inc., SK Innovation Co. Ltd. and Vehicle Energy Japan Inc. (sorted alphabetically).

### Additional Benefits:

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## Contents

### **1 EXECUTIVE SUMMARY & KEY FINDINGS**

### **2 REPORT OFFERS**

### **3 INTRODUCTION**

3.1 Study Assumptions & Market Definition

3.2 Scope of the Study?

3.3 Research Methodology

### **4 KEY INDUSTRY TRENDS**

4.1 Electric Vehicle Sales

4.2 Electric Vehicle Sales By OEMs

4.3 Best-selling EV Models

4.4 OEMs With Preferable Battery Chemistry

4.5 Battery Pack Price

4.6 Battery Material Cost

4.7 Price Chart Of Different Battery Chemistry

4.8 Who Supply Whom

4.9 EV Battery Capacity And Efficiency

4.10 Number Of EV Models Launched

4.11 Regulatory Framework

4.11.1 Belgium

4.11.2 France

4.11.3 Germany

4.11.4 Hungary

4.11.5 Poland

4.11.6 UK

4.12 Value Chain & Distribution Channel Analysis

### **5 MARKET SEGMENTATION (INCLUDES MARKET SIZE IN VALUE IN USD AND VOLUME, FORECASTS UP TO 2029 AND ANALYSIS OF GROWTH PROSPECTS)**

5.1 Body Type

5.1.1 Bus

5.1.2 LCV

- 5.1.3 M&HDT
- 5.1.4 Passenger Car
- 5.2 Propulsion Type
  - 5.2.1 BEV
  - 5.2.2 PHEV
- 5.3 Capacity
  - 5.3.1 15 kWh to 40 kWh
  - 5.3.2 40 kWh to 80 kWh
  - 5.3.3 Above 80 kWh
  - 5.3.4 Less than 15 kWh
- 5.4 Battery Form
  - 5.4.1 Cylindrical
  - 5.4.2 Pouch
  - 5.4.3 Prismatic
- 5.5 Method
  - 5.5.1 Laser
  - 5.5.2 Wire
- 5.6 Component
  - 5.6.1 Anode
  - 5.6.2 Cathode
  - 5.6.3 Electrolyte
  - 5.6.4 Separator
- 5.7 Material Type
  - 5.7.1 Cobalt
  - 5.7.2 Lithium
  - 5.7.3 Manganese
  - 5.7.4 Natural Graphite
  - 5.7.5 Nickel
  - 5.7.6 Other Materials
- 5.8 Country
  - 5.8.1 France
  - 5.8.2 Germany
  - 5.8.3 Hungary
  - 5.8.4 Italy
  - 5.8.5 Poland
  - 5.8.6 Sweden
  - 5.8.7 UK
  - 5.8.8 Rest-of-Europe

## **6 COMPETITIVE LANDSCAPE**

6.1 Key Strategic Moves

6.2 Market Share Analysis

6.3 Company Landscape

6.4 Company Profiles

6.4.1 BMZ Batterien-Montage-Zentrum GmbH

6.4.2 BYD Company Ltd.

6.4.3 Contemporary Amperex Technology Co. Ltd. (CATL)

6.4.4 LG Energy Solution Ltd.

6.4.5 NorthVolt AB

6.4.6 Panasonic Holdings Corporation

6.4.7 Prime Planet Energy & Solutions Inc.

6.4.8 SAIC Volkswagen Power Battery Co. Ltd.

6.4.9 Samsung SDI Co. Ltd.

6.4.10 SK Innovation Co. Ltd.

6.4.11 SVOLT Energy Technology Co. Ltd. (SVOLT)

6.4.12 TOSHIBA Corp.

6.4.13 Vehicle Energy Japan Inc.

## **7 KEY STRATEGIC QUESTIONS FOR EV BATTERY PACK CEOS**

## **8 APPENDIX**

8.1 Global Overview

8.1.1 Overview

8.1.2 Porter's Five Forces Framework

8.1.3 Global Value Chain Analysis

8.1.4 Market Dynamics (DROs)

8.2 Sources & References

8.3 List of Tables & Figures

8.4 Primary Insights

8.5 Data Pack

8.6 Glossary of Terms

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