

# Global Lithium Battery for Passenger Car Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Lithium Battery for Passenger Car market size was valued at USD 31070 million in 2023 and is forecast to a readjusted size of USD 104090 million by 2030 with a CAGR of 18.9% during review period.

The global passenger xEV (BEVs, PHEVs, HEVs) battery market is currently doubling year-over-year, reaching staggering new levels. Following a blistering fourth quarter, 2021 saw a record 286.1 GWh of passenger EV battery capacity deployed onto roads globally, a remarkable 101.5% increase over 2020 as EV sales, especially battery electric vehicle (“BEV”) and plug-in hybrid electric vehicle (“PHEV”) sales, surged year-over-year.

Top 2 manufacturers of lithium battery for passenger car in global are CATL and LG Energy Solution. These 2 companies account for over 50% of total market share. Geographically speaking, Asia-Pacific is the largest market, accounting for over half of the global market share. In terms of type, the NCM/NCA segment holds a dominant share of over 80%. In terms of application, BEV segment is the largest market, accounting for over 85% of total market share.

The Global Info Research report includes an overview of the development of the Lithium Battery for Passenger Car industry chain, the market status of BEV (NCM/NCA, LFP), PHEV (NCM/NCA, LFP), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Lithium Battery for Passenger Car.

Regionally, the report analyzes the Lithium Battery for Passenger Car markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Lithium Battery for Passenger Car market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Lithium Battery for Passenger Car market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Lithium Battery for Passenger Car industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (MWh), revenue generated, and market share of different by Type (e.g., NCM/NCA, LFP).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Lithium Battery for Passenger Car market.

**Regional Analysis:** The report involves examining the Lithium Battery for Passenger Car market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Lithium Battery for Passenger Car market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Lithium Battery for Passenger Car:

**Company Analysis:** Report covers individual Lithium Battery for Passenger Car manufacturers, suppliers, and other relevant industry players. This analysis includes

studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Lithium Battery for Passenger Car. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (BEV, PHEV).

**Technology Analysis:** Report covers specific technologies relevant to Lithium Battery for Passenger Car. It assesses the current state, advancements, and potential future developments in Lithium Battery for Passenger Car areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Lithium Battery for Passenger Car market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Lithium Battery for Passenger Car market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

NCM/NCA

LFP

Others

### Market segment by Application

BEV

PHEV

HEV

#### Major players covered

Panasonic

LG Energy Solution

Samsung SDI

SK Innovation

CATL

BYD

CALB

Gotion High-tech

#### Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Lithium Battery for Passenger Car product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Lithium Battery for Passenger Car, with price, sales, revenue and global market share of Lithium Battery for Passenger Car from 2019 to 2024.

Chapter 3, the Lithium Battery for Passenger Car competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Lithium Battery for Passenger Car breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Lithium Battery for Passenger Car market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Lithium Battery for Passenger Car.

Chapter 14 and 15, to describe Lithium Battery for Passenger Car sales channel, distributors, customers, research findings and conclusion.

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