

Global Battery Systems for Electric Vehicle 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 Battery Systems for Electric Vehicle market size was valued at USD 54540 million in 2023 and is forecast to a readjusted size of USD 77120 million by 2030 with a CAGR of 5.1% during review period.

An electric-vehicle battery (EVB) or traction battery is a battery used to power the propulsion of battery electric vehicles (BEVs).

As a result of the changes in the climatic conditions worldwide and the impact of globalization, most of the countries have been notified to control their emissions it mostly include Asian Pacific countries. This is expected to increase the demand for battery electric vehicles during the forecast period. By the end of 2023, Asia Pacific will account for the majority of the market share, driven by the Environmental Protection Agency (EPA) regulations governing emission and fuel standards in the region, followed by North America. The demand for pure electric vehicles is on the rise and is expected to become a major propellant for the market. Lithium-ion batteries accounted for the highest share in the market.

The Global Info Research report includes an overview of the development of the Battery Systems for Electric Vehicle industry chain, the market status of Passenger Cars (Lithium-Ion Batteries, Lead-Acid Batteries), Commercial Vehicles (Lithium-Ion Batteries, Lead-Acid Batteries), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Battery Systems for Electric Vehicle.

Regionally, the report analyzes the Battery Systems for Electric Vehicle 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 Battery Systems for Electric Vehicle market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Battery Systems for Electric Vehicle 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 Battery Systems for Electric Vehicle 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 (K Units), revenue generated, and market share of different by Type (e.g., Lithium-Ion Batteries, Lead-Acid Batteries).

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 Battery Systems for Electric Vehicle market.

Regional Analysis: The report involves examining the Battery Systems for Electric Vehicle 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 Battery Systems for Electric Vehicle market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Battery Systems for Electric Vehicle:

Company Analysis: Report covers individual Battery Systems for Electric Vehicle

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 Battery Systems for Electric Vehicle. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Passenger Cars, Commercial Vehicles).

Technology Analysis: Report covers specific technologies relevant to Battery Systems for Electric Vehicle. It assesses the current state, advancements, and potential future developments in Battery Systems for Electric Vehicle areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Battery Systems for Electric Vehicle 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

Battery Systems for Electric Vehicle 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

Lithium-Ion Batteries

Lead-Acid Batteries

Nickel-Metal Hydride Batteries

Others

Market segment by Application

Passenger Cars

Commercial Vehicles

Major players covered

GS Yuasa

A123 Systems

BYD

Johnson Controls

LG

Boston-Power

Electrovaya

NEC

Panasonic

Samsung SDI

Toshiba

Hitachi

Energy Storage Technology (China) Group

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 Battery Systems for Electric Vehicle product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Battery Systems for Electric Vehicle, with price, sales, revenue and global market share of Battery Systems for Electric Vehicle from 2019 to 2024.

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

Chapter 4, the Battery Systems for Electric Vehicle 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 Battery Systems for Electric Vehicle 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 Battery Systems for Electric Vehicle.

Chapter 14 and 15, to describe Battery Systems for Electric Vehicle sales channel, distributors, customers, research findings and conclusion.

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