

# Lithium-ion Batteries for Automotive Market, Global Outlook and Forecast 2022-2028

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## Abstracts

A lithium-ion battery or Li-ion battery (abbreviated as LIB) is a type of rechargeable battery in which lithium ions move from the negative electrode to the positive electrode during discharge and back when charging. Li-ion batteries use an intercalated lithium compound as one electrode material, compared to the metallic lithium used in a non-rechargeable lithium battery. The electrolyte, which allows for ionic movement, and the two electrodes are the constituent components of a lithium-ion battery cell.

This report contains market size and forecasts of Lithium-ion Batteries for Automotive in global, including the following market information:

Global Lithium-ion Batteries for Automotive Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Lithium-ion Batteries for Automotive Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Lithium-ion Batteries for Automotive companies in 2021 (%)

The global Lithium-ion Batteries for Automotive market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Lithium Nickel Manganese Cobalt (LI-NMC) Segment to Reach \$ Million by 2028, with a

% CAGR in next six years.

The global key manufacturers of Lithium-ion Batteries for Automotive include Panasonic(Sanyo), CATL, BYD, LG Chem, Samsung SDI, A123 Systems, GS Yuasa Corp, Sony and Toshiba, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Lithium-ion Batteries for Automotive manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Lithium-ion Batteries for Automotive Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Lithium-ion Batteries for Automotive Market Segment Percentages, by Type, 2021 (%)

Lithium Nickel Manganese Cobalt (LI-NMC)

Lithium Iron Phosphate (LFP)

Lithium Cobalt Oxide (LCO)

Lithium Titanate Oxide (LTO)

Lithium Manganese Oxide (LMO)

Lithium Nickel Cobalt Aluminium Oxide (NCA)

Global Lithium-ion Batteries for Automotive Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Lithium-ion Batteries for Automotive Market Segment Percentages, by Application, 2021 (%)

Passenger Cars

Commercial Vehicles

Global Lithium-ion Batteries for Automotive Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Lithium-ion Batteries for Automotive Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Lithium-ion Batteries for Automotive revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Lithium-ion Batteries for Automotive revenues share in global market, 2021 (%)

Key companies Lithium-ion Batteries for Automotive sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Lithium-ion Batteries for Automotive sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Panasonic(Sanyo)

CATL

BYD

LG Chem

Samsung SDI

A123 Systems

GS Yuasa Corp

Sony

Toshiba

Clarios

Saft Batteries

Hitachi

Maxell

VARTA Storage

Farasis Energy

EnterDel

Amperex Technology Limited

Cell-Con

Flux Power

Electrovaya

Huizhou Desay

COSLIGHT

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SCUD Group

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