

Global Lithium-Ion Battery Market 2022-2028

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Abstracts

The global lithium-ion battery market is projected to rise by USD 64.4 billion by 2028, according to a new report by Gen Consulting Company. It is anticipated to expand at a CAGR of 14.6 percent during the forecast period.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global lithium-ion battery market. It traces the market's historic and forecast market growth. The report identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches. This study also provides an analysis of the impact of the COVID-19 crisis on the lithium-ion battery industry.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the type, power capacity, voltage, end user, and region. The global market for lithium-ion battery can be segmented by type: lithium nickel manganese cobalt, lithium iron phosphate, lithium cobalt oxide, lithium titanate oxide, lithium manganese oxide, lithium nickel cobalt aluminum oxide. The lithium cobalt oxide segment held the largest share of the global lithium-ion battery market in 2021 and is anticipated to hold its share during the forecast period. Lithium-ion battery market is further segmented by power capacity: up to 3,000 mAh, 3,000 mAh-10,000 mAh, 10,000 mAh-60,000 mAh, above 60,000 mAh. Globally, the 10,000 mAh-60,000 mAh segment made up the largest share of the lithium-ion battery market. Based on voltage, the lithium-ion battery market is segmented into: up to 12V, 12V-36V, above 36V. The up to 12V segment was the largest contributor to the global lithium-ion battery market in 2021. On the basis of end user, the lithium-ion battery market also can be divided into: aerospace, mobility and recreational, ship, power tool, lawn and garden, e-bike, small EV's, energy storage, motorcycle, drone. The energy storage segment is estimated to account for the largest share of the global lithium-ion battery market. Lithium-ion battery market by region is categorized into: North America, Europe, Asia-Pacific, MEA (Middle

East and Africa), Latin America.

Market Segmentation

By type: lithium nickel manganese cobalt, lithium iron phosphate, lithium cobalt oxide, lithium titanate oxide, lithium manganese oxide, lithium nickel cobalt aluminum oxide

By power capacity: up to 3,000 mAh, 3,000 mAh-10,000 mAh, 10,000 mAh-60,000 mAh, above 60,000 mAh

By voltage: up to 12V, 12V-36V, above 36V

By end user: aerospace, mobility and recreational, ship, power tool, lawn and garden, e-bike, small EV's, energy storage, motorcycle, drone

By region: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America

The global lithium-ion battery market report offers detailed information on several market vendors, including A123 Systems LLC, BYD Co., Ltd., Contemporary Amperex Technology Co., Limited (CATL), GS Yuasa Corporation, Hitachi Chemical Co., Ltd., LG Chem Ltd., Panasonic Corporation, Samsung SDI Co., Ltd., SK Energy Co., Ltd., Sony Corporation, Toshiba Corporation, among others.

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Historical & Forecast Period

This research report provides analysis for each segment from 2018 to 2028 considering 2021 to be the base year.

Scope of the Report

To analyze and forecast the market size of the global lithium-ion battery market.

To classify and forecast the global lithium-ion battery market based on type, power capacity, voltage, end user, region.

To identify drivers and challenges for the global lithium-ion battery market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global lithium-ion battery market.

To identify and analyze the profile of leading players operating in the global lithium-ion battery market.

Why Choose This Report

Gain a reliable outlook of the global lithium-ion battery market forecasts from 2022 to 2028 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

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Lithium titanate oxide
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Lithium nickel cobalt aluminum oxide

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Latin America

PART 10. KEY COMPANIES

A123 Systems LLC
BYD Co., Ltd.
Contemporary Amperex Technology Co., Limited (CATL)
GS Yuasa Corporation
Hitachi Chemical Co., Ltd.
LG Chem Ltd.
Panasonic Corporation
Samsung SDI Co., Ltd.
SK Energy Co., Ltd.
Sony Corporation
Toshiba Corporation

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