

Global Lithium-Ion Battery Market Research and Forecast, 2018-2023

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Abstracts

The lithium-ion battery is a rechargeable battery in which lithium ions move from cathode to anode. It is used to power various applications such as electric vehicles, toys, drones, and so on. In addition, its popularity is growing in military applications and aerospace applications. The market is expected to show significant growth due to increasing demand for consumer electronics such as cameras, laptop, game player, toys, and others. In addition, increasing market of the electric vehicle further augments the growth of the market in the future. Another major factor driving the growth of the market include advantages offered by lithium-ion batteries such as low self-discharge rate and longer shelf life. However, the presence of alternatives in the market and high manufacturing cost of lithium-ion batteries hinders the growth of the market.

The global lithium ion battery market on the basis of the geographical regions is analyzed as North America, Europe, Asia-Pacific and Rest of the world. North America is further sub-segmented into the US and Canada, Europe in the UK, France, Germany, Italy, Spain, and the rest of Europe. While Asia-Pacific is further analyzed on the basis India, China, Japan and rest of Asia-Pacific. Asia-Pacific is estimated to be dominating the market in 2018 owing to the supportive government policies for promoting electric vehicles in India and China.

The market is segmented on the basis of type and end-user. On the basis of types, the market is segmented into lithium cobalt oxide, lithium manganese oxide, lithium nickel manganese cobalt oxide, lithium iron phosphate, lithium nickel cobalt aluminum oxide, and lithium titanate. On the basis of end-user, the market is segmented into automotive applications, consumer electronics, and industrial applications. Key market players of the global lithium-ion battery market are A123 Systems, BASF SE, Panasonic Corporation, ProLogium Technology Co., Ltd., GS Yuasa International Ltd., Tesla Inc.,

Toshiba Corporation, and so on.

RESEARCH METHODOLOGY

The market study of the global lithium ion battery market is incorporated by extensive primary and secondary research conducted by the research team at OMR. Secondary research has been conducted to refine the available data to break down the market in various segments, derive total market size, market forecast, and growth rate. Different approaches have been worked on to derive the market value and market growth rate. Our team collects facts and data related to the market from different geography to provide a better regional outlook. In the report, the country level analysis is provided by analyzing various regional players, regional tax laws and policies, consumer behavior, and macroeconomic factors. Numbers extracted from secondary research have been authenticated by conducting proper primary research. It includes tracking down key people from the industry and interviewing them to validate the data. This enables our analyst to derive the closest possible figures without any major deviations in the actual number. Our analysts try to contact as many executives, managers, key opinion leaders, and industry experts. Primary research brings the authenticity of our reports.

SECONDARY SOURCES INCLUDE

Financial reports of companies involved in the market.

Whitepapers, research-papers, and news blogs.

Authentic database

Company websites and their product/ services catalog.

The report is intended for private companies and government organizations for overall market analysis and competitive analysis. The report provides an in-depth analysis on market size, growth opportunity in the market and product types. The report will serve as a source for 360-degree analysis of the market thoroughly integrating different models delivering insights into the market for better business decisions.

THE REPORT COVERS

Comprehensive research methodology of global lithium ion battery market.

This report also includes a detailed and extensive market overview with analyst insights & key market trends.

An exhaustive analysis of macro and micro factors influencing the market guided by key recommendations.

Analysis of regional regulations and other government policies impacting the global lithium ion battery market.

Insights about market determinants which are stimulating the global lithium ion battery market.

Detailed and extensive market segments with regional distribution of forecasted revenues.

Extensive profiles and recent developments of market players.

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