

Lithium ion Battery Market: Global Market Size, Forecast, Insights, and Competitive Landscape

<https://marketpublishers.com/r/L6DCC6AE06C9EN.html>

Date: December 2022

Pages: 145

Price: US\$ 2,299.00 (Single User License)

ID: L6DCC6AE06C9EN

Abstracts

The global lithium-ion battery market is expected to grow at a CAGR of around 12.4% during 2023-2030. This report on global lithium-ion battery market report provides holistic understanding of the market along with market sizing, forecast, drivers, challenges, and competitive landscape. The report presents a clear picture of the global lithium-ion battery market by segmenting the market based on component, type, capacity, voltage, operation, end user and region. Also, detailed profiles of companies operating in the lithium-ion battery market are provided in this report. We believe that this report will aid the professionals and industry stakeholders in making informed decision.

Market Drivers

Increasing Demands from Automobile Industry

Rising Penetration of Mobile and Laptops Users

Market Challenges

Issues Related to Storage and Transportation

Availability of Cheap Substitutes

Historical & Forecast Period

Base Year: 2022

Historical Period: 2018-2022

Forecast Period: 2023-2030

Market by Component

Cathode

Anode

Electrolytic Solution

Others

Market by Type

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)

Market by Capacity

0 - 3000mAh

3000mAh - 10000mAh

10000mAh - 60000mAh

> 60000mAh

Market by Voltage

Low (Below 12V)

Medium (12V – 36V)

High (Above 36V)

Market by Operation

Rechargeable

Non-rechargeable

Market by End User

Consumer Electronics

Automotive

Energy and Power

Marine

Aerospace and Defense

Others

Market by Region

Europe

Germany

United Kingdom

France

Italy

Spain

Russia

Netherlands

Rest of Europe

North America

United States

Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Rest of Asia Pacific

Latin America

Mexico

Brazil

Argentina

Rest of Latin America

Middle East & Africa

Saudi Arabia

Turkey

Iran

Rest of Middle East & Africa

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