

Global Lithium-ion Battery Market

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Abstracts

Report Scope

This report analyzes different components in the global lithium-ion battery (LIB) market, including cathode, anode, electrolyte, separator and others (packaging materials, Au/Cu foil, etc.). It also examines different types of LIBs, including lithium nickel manganese cobalt (NMC), lithium iron phosphate (LFP), lithium nickel cobalt aluminum oxide (NCA) and others (lithium cobalt oxide [LCO], lithium titanate oxide [LTO], lithium manganese oxide [LMO]). The report also reviews different applications in the industry, including automotive, consumer electronics, energy storage systems (ESS) and others (industrial, medical devices, aerospace and telecommunications). The global LIB market is segmented by capacity, including below 3,000 mAh, 3,000-10,000 mAh, 10,000-60,000 mAh and 60,000 mAh and above.

Additionally, the report analyzes emerging technologies and developments, trends, competitive landscape and market dynamics. It also features a patent analysis of the LIB market, a chapter on environmental, social, and governance (ESG) considerations in development, and an examination of macroeconomic factors and emerging technologies. The report also includes a regional analysis of the markets in North America, Europe, Asia-Pacific and the Rest of the World (RoW, which includes South America, Middle East and Africa). Finally, it offers in-depth profiles of leading companies in the global market.

This analysis uses 2023 as its base year, with estimates for 2024 and forecasts through 2029. All market values are reported in U.S. dollars (USD) in millions.

Report Includes

56 data tables and 48 additional tables

An overview of the global market for lithium-ion batteries (LIBs)

Analyses of the global market trends, with sales data for 2023, estimates for 2024, forecasts for 2025, 2028, and projections of compound annual growth rates (CAGRs) through 2029

Evaluation of and forecast for the LIB battery market (in USD millions), and a corresponding market share analysis by type, component, capacity, application and region

Facts and figures concerning the factors influencing the market with respect to growth trends, emerging technologies, and industry challenges

Coverage of the regulatory framework and initiatives by governments, as well as safety concerns about the transport and storage of used LIBs

Assessment of regional market breakdowns with subregional breakdowns for countries with promising LIB industries

A discussion of the industry's ESG challenges and practices

Market share analysis of the key companies and coverage of their proprietary technologies, strategic alliances, and other market strategies

Profiles of the leading companies, including Contemporary Amperex Technology Co. Ltd. (CATL), BYD Company Ltd., LG Energy Solutions, Samsung SDI, and CALB

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EVE ENERGY CO. LTD.
FARASIS ENERGY (GANZHOU) CO. LTD.
GOTION
GS YUASA INTERNATIONAL LTD.
LG ENERGY SOLUTION
PANASONIC ENERGY CO. LTD.
SAMSUNG SDI
SHENZHEN BAK BATTERY CO. LTD.
SK ON CO. LTD.
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TOSHIBA CORP.

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