

Global Battery Technology Market Size study, By Technology Type (Lithium-Ion Battery, Lead Acid Battery, Nickel Metal Hydride Battery, Other Battery Technologies), By Application (Power & Utilities, Industrial, Commercial & Residential, Consumer Electronics, Others), and Regional Forecasts 2022-2028

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Abstracts

Global Battery Technology Market is valued at approximately USDXX million in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2028. A battery is an amalgamation of two or more electrochemical cells. Battery technology is used to store energy in the form of chemical energy in electrochemical cells and transformed it into electrical energy. The increasing demand for electric and hybrid electric vehicles, growing adoption of battery technology across the renewable energy industry, and rising deployment of batteries in the utility sector are the primary factors that are fueling the market demand across the globe. For instance, as per Statista, the total production of hybrid electric vehicles worldwide is recorded as 2.9 million vehicles in 2020. Also, the number is expected to reach 5.4 million vehicles by 2025. Accordingly, the surging production of the hybrid electric vehicle is stimulating the market growth in the impending years. However, safety issues associated with the storage transportation of spent batteries and the high cost of battery-operated industrial vehicles impede the growth of the market over the forecast period of 2022-2028. Also, large storage requirements in data centers and increasing advancements in wearable devices are anticipated to act as catalyzing factors for the market demand during the forecast period.

The key regions considered for the global Battery Technology Market study include Asia

Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading region across the world in terms of market share owing to the rising emphasis on the renewable energy industry and rising investment in technological advancements. Whereas, Asia-Pacific is anticipated to exhibit the highest CAGR over the forecast period 2022-2028. Factors such as the rising presence of the leading market players such as Samsung SDI Co., Ltd., LG Electronics Inc., Panasonic Corp., etc., as well as increasing demand for the electric and hybrid electric vehicles, as well as growth of the countries like South Korea, India, Japan, and China would create lucrative growth prospects for the Battery Technology Market across the Asia-Pacific region.

Major market players included in this report are:

Clarios

Panasonic Corporation

Samsung SDI Co., Ltd.

Chaowei Power Co., Ltd.

Contemporary Amperex Technology Co., Ltd.

Energys

LG Chem Ltd.

BYD Company

Hitachi Chemical Co., Ltd.

Fujitsu Ltd.

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Technology Type

Lithium-Ion Battery

Lead Acid Battery

Nickel Metal Hydride Battery

Other Battery Technologies

By Application

Power & Utilities

Industrial
Commercial & Residential
Consumer Electronics
Others
By Region:
North America
U.S.
Canada
Europe
UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Battery Technology Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists

Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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