

Global Battery Market 2022-2032 by Product (Primary, Secondary), Technology (Lead-acid, Lithium-ion, Nickel-based, Flow Battery, NAS, ZMD, Others), Application (Automotive, Industrial, Consumer Electronics, Commercial, Others), and Region: Trend Forecast and Growth Opportunity

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Abstracts

Global battery market will reach \$463,900 million by 2032, growing by 13.5% annually over 2022-2032, driven by the increasing demand for energy storage systems, the expansion of the electric vehicles and data centers, the rising use of battery power in consumer devices, a rising need for fuel saving due to decreasing fossil fuel reserves, along with promising government initiatives and high carbon dioxide emissions.

Highlighted with 79 tables and 75 figures, this 154-page report “Global Battery Market 2022-2032 by Product (Primary, Secondary), Technology (Lead-acid, Lithium-ion, Nickel-based, Flow Battery, NAS, ZMD, Others), Application (Automotive, Industrial, Consumer Electronics, Commercial, Others), and Region: Trend Forecast and Growth Opportunity” is based on comprehensive research of the entire global battery market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2020-2022 and provides forecast from 2023 till 2032 with 2022 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following

aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of global market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify global battery market in every aspect of the classification from perspectives of Product, Technology, Application, and Region.

Based on Product, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Primary Battery

Secondary Battery

Based on Technology, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Lead-acid Battery

Lithium-ion Battery

Nickel-based Battery

Flow Battery

Sodium–sulfur (NAS) Battery

Zinc-manganese Dioxide Battery

Other Technologies

By Application, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Automotive Batteries

Industrial Batteries

Consumer Electronics

Commercial Applications

Other Applications

Geographically, the following regions together with the listed national/local markets are fully investigated:

North America (U.S., Canada, and Mexico)

Europe (Germany, UK, France, Spain, Italy, Netherlands, Rest of Europe; Rest of Europe is further segmented into Russia, Switzerland, Poland, Sweden, Belgium, Austria, Ireland, Norway, Denmark, and Finland)

APAC (Japan, China, South Korea, Australia, India, and Rest of APAC; Rest of APAC is further segmented into Malaysia, Singapore, Indonesia, Thailand, New Zealand, Vietnam, Taiwan, and Philippines)

South America (Brazil, Chile, Argentina, Rest of South America)

MEA (UAE?Saudi Arabia? South Africa and Rest of MEA)

For each aforementioned region and country, detailed analysis and data for annual

revenue (\$ mn) are available for 2022-2032. The breakdown of all regional markets by country and split of each national market by Product, Technology and Application over the forecast years are also included.

The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

A123 Systems, LLC
BYD Company Ltd.
Clarios (Formerly Johnson Controls International PLC)
Contemporary Amperex Technology Co., Ltd. (CATL)
Duracell Inc.
EnerSys
Exide Technologies, Inc.
GS Yuasa Corporation
Hitachi Chemical Co., Ltd.
LG Chem Ltd.
Panasonic Corporation
Saft Groupe S.A.
Samsung SDI Co., Ltd.
Tesla Inc.
TianJin Lishen Battery Joint-Stock Co., Ltd.
Toshiba Corporation
VARTA AG

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

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BYD Company Ltd.

Clarios (Formerly Johnson Controls International PLC)

Contemporary Amperex Technology Co., Ltd. (CATL)

Duracell Inc.

EnerSys

Exide Technologies, Inc.

GS Yuasa Corporation

Hitachi Chemical Co., Ltd.

LG Chem Ltd.

Panasonic Corporation

Saft Groupe S.A.

Samsung SDI Co., Ltd.

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