

Global Stationary Energy Storage Market 2023-2029

<https://marketpublishers.com/r/G8694E6A313AEN.html>

Date: May 2023

Pages: 78

Price: US\$ 3,250.00 (Single User License)

ID: G8694E6A313AEN

Abstracts

Stationary energy storage refers to the use of batteries or other energy storage technologies to store energy for later use in stationary applications, such as homes, buildings, and power grids. This technology is becoming increasingly important as more renewable energy sources, such as wind and solar power, are integrated into the power grid. One of the main challenges of renewable energy sources is their variability, which can make it difficult to match supply and demand in real-time. Stationary energy storage can help to address this issue by storing excess energy during times of high supply and releasing it during times of high demand. The global stationary energy storage market is expected to increase by USD 101.1 billion, at a compound annual growth rate (CAGR) of 22.13% from 2023 to 2029, according to the latest edition of the Global Stationary Energy Storage Market Report.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global stationary energy storage market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the battery type, application, and region. The global market for stationary energy storage can be segmented by battery type: lithium-ion, lead acid, redox flow, sodium sulfur. Globally, the lithium-ion segment made up the largest share of the stationary energy storage market. Stationary energy storage market is further segmented by application: front of the meter, behind the meter. The behind the meter segment captured the largest share of the market in 2022. Based on region, the stationary energy storage market is segmented into: Asia-Pacific (ex. China), Europe, North America, China, RoW (Rest of World). According to the research, China had the

largest share in the global stationary energy storage market.

Market Segmentation

By battery type: lithium-ion, lead acid, redox flow, sodium sulfur

By application: front of the meter, behind the meter

By region: Asia-Pacific (ex. China), Europe, North America, China, RoW (Rest of World)

The report also provides a detailed analysis of several leading stationary energy storage market vendors that include LG Energy Solution Ltd., Samsung SDI Co., Ltd. , Contemporary Amperex Technology Co., Limited (CATL), Tesla, Inc., Panasonic Corporation, Hitachi, Ltd., EnerSys, Duracell, Inc., BYD Auto Co., Ltd., Durapower Group, Exide Industries, Ltd., Toshiba Corporation, The Furukawa Battery Co., Ltd., GS Yuasa Corporation, Johnson Controls International plc, among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

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Scope of the Report

To analyze and forecast the market size of the global stationary energy storage market.

To classify and forecast the global stationary energy storage market based on battery type, application, region.

To identify drivers and challenges for the global stationary energy storage market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global stationary energy storage market.

To identify and analyze the profile of leading players operating in the global stationary energy storage market.

Why Choose This Report

Gain a reliable outlook of the global stationary energy storage market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

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Lead acid
Redox flow
Sodium sulfur

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Front of the meter
Behind the meter

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Asia-Pacific (ex. China)
Europe
North America
China

RoW (Rest of World)

PART 8. KEY COMPANIES

LG Energy Solution Ltd.

Samsung SDI Co., Ltd.

Contemporary Amperex Technology Co., Limited (CATL)

Tesla, Inc.

Panasonic Corporation

Hitachi, Ltd.

EnerSys

Duracell, Inc.

BYD Auto Co., Ltd.

Durapower Group

Exide Industries, Ltd.

Toshiba Corporation

The Furukawa Battery Co., Ltd.

GS Yuasa Corporation

Johnson Controls International plc

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