

# Global Grid-Connected Battery Storage Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Grid-Connected Battery Storage market size was valued at USD 1970.6 million in 2023 and is forecast to a readjusted size of USD 6631.7 million by 2030 with a CAGR of 18.9% during review period.

The grid connected battery storage systems provides uninterruptible power and reduces the energy costs leading to better power management.

The increasing demand for renewable energy and rising diesel costs are significantly intensifying the need for battery storage systems in the power grids. Increased knowledge of the benefits provided by these installations among the utilities would make these storage batteries more competitive in the market.

The Global Info Research report includes an overview of the development of the Grid-Connected Battery Storage industry chain, the market status of Solar Energy (Battery Enclosures, Battery Charge Controller), Wind Power Energy (Battery Enclosures, Battery Charge Controller), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Grid-Connected Battery Storage.

Regionally, the report analyzes the Grid-Connected Battery Storage markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Grid-Connected Battery Storage market, with robust domestic demand, supportive policies, and a strong manufacturing base.

## Key Features:

The report presents comprehensive understanding of the Grid-Connected Battery Storage market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Grid-Connected Battery Storage industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Battery Enclosures, Battery Charge Controller).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Grid-Connected Battery Storage market.

**Regional Analysis:** The report involves examining the Grid-Connected Battery Storage market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Grid-Connected Battery Storage market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Grid-Connected Battery Storage:

**Company Analysis:** Report covers individual Grid-Connected Battery Storage manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Grid-Connected Battery Storage This may involve surveys, interviews,

and analysis of consumer reviews and feedback from different by Application (Solar Energy, Wind Power Energy).

**Technology Analysis:** Report covers specific technologies relevant to Grid-Connected Battery Storage. It assesses the current state, advancements, and potential future developments in Grid-Connected Battery Storage areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Grid-Connected Battery Storage market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Grid-Connected Battery Storage market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

Battery Enclosures

Battery Charge Controller

Sub Panels For Load Circuits

### Market segment by Application

Solar Energy

Wind Power Energy

## Major players covered

NGK Insulators

Samsung SDI

Aggreko

LG

Johnson Controls

SANYO Electric

Panasonic

GS Yuasa

Sumitomo

BYD Auto

AES

A123 Systems

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Grid-Connected Battery Storage product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Grid-Connected Battery Storage, with price, sales, revenue and global market share of Grid-Connected Battery Storage from 2019 to 2024.

Chapter 3, the Grid-Connected Battery Storage competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Grid-Connected Battery Storage breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Grid-Connected Battery Storage market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Grid-Connected Battery Storage.

Chapter 14 and 15, to describe Grid-Connected Battery Storage sales channel, distributors, customers, research findings and conclusion.

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