

# Global Energy Storage Systems (ESS) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

Energy storage systems are the set of methods and technologies used to store various forms of energy. Energy storage is the capture of energy produced at one time for use at a later time. A device that stores energy is generally called an accumulator or battery.

According to our (Global Info Research) latest study, the global Energy Storage Systems (ESS) market size was valued at US\$ 6893 million in 2023 and is forecast to a readjusted size of USD 14850 million by 2030 with a CAGR of 11.7% during review period.

Global Energy Storage System (ESS) key players include Samsung SDI, LG Chem, Fluence, Hitachi, Kokam, etc. Global top five manufacturers hold a share about 50%. Asia Pacific is the largest market, with a share about 40%, followed by Europe and North America, both have a share about 45%. In terms of product, Lithium is the largest segment, with a share over 88%. And in terms of application, the largest application is Residential, followed by Utility and Commercial.

This report is a detailed and comprehensive analysis for global Energy Storage Systems (ESS) market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2024, are provided.

Key Features:

Global Energy Storage Systems (ESS) market size and forecasts, in consumption value (\$ Million), sales quantity (MW), and average selling prices (US\$/KW), 2019-2030

Global Energy Storage Systems (ESS) market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (MW), and average selling prices (US\$/KW), 2019-2030

Global Energy Storage Systems (ESS) market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (MW), and average selling prices (US\$/KW), 2019-2030

Global Energy Storage Systems (ESS) market shares of main players, shipments in revenue (\$ Million), sales quantity (MW), and ASP (US\$/KW), 2019-2024

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Energy Storage Systems (ESS)

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Energy Storage Systems (ESS) market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Samsung SDI, LG Chem, Fluence, Hitachi, Kokam, LSIS, SMA Solar Technology, NGK, General Electric, Primus Power, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Energy Storage Systems (ESS) 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. This analysis can help you expand your business by targeting qualified niche markets.

#### Market segment by Type

Lithium

Lead Acid

NaS

Others

#### Market segment by Application

Residential

Utility & Commercial

#### Major players covered

Samsung SDI

LG Chem

Fluence

Hitachi

Kokam

LSIS

SMA Solar Technology

NGK

General Electric

Primus Power

Panasonic

BYD

Yunicos

ABB

Saft

Lockheed Martin Energy

Eos Energy Storage

Con Edison Solutions

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 Energy Storage Systems (ESS) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Energy Storage Systems (ESS), with price, sales quantity, revenue, and global market share of Energy Storage Systems (ESS) from 2019 to 2024.

Chapter 3, the Energy Storage Systems (ESS) competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Energy Storage Systems (ESS) 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 by Application, with sales market share and growth rate by Type, by 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 2019 to 2024. and Energy Storage Systems (ESS) market forecast, by regions, by Type, and by 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 Energy Storage Systems (ESS).

Chapter 14 and 15, to describe Energy Storage Systems (ESS) sales channel, distributors, customers, research findings and conclusion.

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