

Global Energy Storage Systems (ESS) Market Growth 2025-2031

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Abstracts

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The global Energy Storage Systems (ESS) market size is predicted to grow from US\$ 7261 million in 2025 to US\$ 14680 million in 2031; it is expected to grow at a CAGR of 12.4% from 2025 to 2031.

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.

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.

LP Information, Inc. (LPI) ' newest research report, the "Energy Storage Systems (ESS) Industry Forecast" looks at past sales and reviews total world Energy Storage Systems (ESS) sales in 2024, providing a comprehensive analysis by region and market sector of projected Energy Storage Systems (ESS) sales for 2025 through 2031. With Energy Storage Systems (ESS) sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Energy Storage Systems (ESS) industry.

This Insight Report provides a comprehensive analysis of the global Energy Storage

Systems (ESS) landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Energy Storage Systems (ESS) portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Energy Storage Systems (ESS) market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Energy Storage Systems (ESS) and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Energy Storage Systems (ESS).

This report presents a comprehensive overview, market shares, and growth opportunities of Energy Storage Systems (ESS) market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Lithium

Lead Acid

NaS

Others

Segmentation by Application:

Residential

Utility & Commercial

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

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

Key Questions Addressed in this Report

What is the 10-year outlook for the global Energy Storage Systems (ESS) market?

What factors are driving Energy Storage Systems (ESS) market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Energy Storage Systems (ESS) market opportunities vary by end market size?

How does Energy Storage Systems (ESS) break out by Type, by Application?

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