

# Global Mobile Energy Storage System Market 2024 by Company, Regions, Type and Application, Forecast to 2030

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# **Abstracts**

According to our (Global Info Research) latest study, the global Mobile Energy Storage System market size was valued at USD 5101.5 million in 2023 and is forecast to a readjusted size of USD 24170 million by 2030 with a CAGR of 24.9% during review period.

A mobile energy storage system can provide much needed additional generation, peak shifting and grid support services at short notice, for short time periods or seasonally.

Due to the rapid development of the wind power and photovoltaic industry, as well as the increasing awareness of environmental protection in various countries, the energy storage industry is becoming one of the key technologies, which is used in many countries to advance the carbon neutral target process today. The United States, China and Japan occupied the leading position in the installed capacity of energy storage projects, among which the United States is the world's largest energy storage market. The European Union established the European Battery Alliance (EBA) in 2017, aiming to escape the EU's dependence on Asian manufacturers in the battery storage field. According to Data Europa's statistics, the cumulative installed capacity has reached 48.38GW in 2020. At present, pumped storage accounts for 94% of the energy storage market in Europe, with Spain and Germany having the largest capacity. According to BNEF data, electrochemical energy storage in the United States added 3.97GW / 10.88 GWh in 2021. In terms of power, it accounted for 40% of the global increase. In 2022, the United States passed the IRA, which subsidized independent energy storage for the first time. Under the ITC, new energy storage projects could offset up to 45% of the investment. The effect of the policy has initially appeared, and the energy storage industry in the United States shows an upward trend.



The Global Info Research report includes an overview of the development of the Mobile Energy Storage System industry chain, the market status of Residential (Li-ion battery, Sodium-based battery), Commercial (Li-ion battery, Sodium-based battery), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Mobile Energy Storage System.

Regionally, the report analyzes the Mobile Energy Storage System 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 Mobile Energy Storage System market, with robust domestic demand, supportive policies, and a strong manufacturing base.

# Key Features:

The report presents comprehensive understanding of the Mobile Energy Storage System 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 Mobile Energy Storage System 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 revenue generated, and market share of different by Type (e.g., Li-ion battery, Sodium-based battery).

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 Mobile Energy Storage System market.

Regional Analysis: The report involves examining the Mobile Energy Storage System 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 Mobile Energy Storage System market. This may



include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Mobile Energy Storage System:

Company Analysis: Report covers individual Mobile Energy Storage System players, 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 Mobile Energy Storage System This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Residential, Commercial).

Technology Analysis: Report covers specific technologies relevant to Mobile Energy Storage System. It assesses the current state, advancements, and potential future developments in Mobile Energy Storage System areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Mobile Energy Storage System 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

Mobile Energy Storage System 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 value.

Market segment by Type

Li-ion battery

Sodium-based battery



L	ead-acid battery
C	Others
Market segment by Application	
R	Residential
C	Commercial
Ir	ndustrial
Market s	egment by players, this report covers
А	Aquion Energy
G	Green Charge
L	.G Chem
Р	Panasonic
N	IEC Energy Solutions
N	IRG Energy
А	Amperex Technology
В	Boston Power
C	China Aviation Lithium Battery
E	EnerSys
G	GE Energy Storage
N	Mitsubishi Heavy Industries



Primus Power

SAFT

Sumitomo Electric Industries

Toshiba

Market segment by regions, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, UK, Russia, Italy, and Rest of Europe)

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

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

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Mobile Energy Storage System product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Mobile Energy Storage System, with revenue, gross margin and global market share of Mobile Energy Storage System from 2019 to 2024.

Chapter 3, the Mobile Energy Storage System competitive situation, revenue and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and application, with consumption value and growth rate by Type, application, from 2019 to 2030.



Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2019 to 2024.and Mobile Energy Storage System market forecast, by regions, type and application, with consumption value, from 2025 to 2030.

Chapter 11, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Mobile Energy Storage System.

Chapter 13, to describe Mobile Energy Storage System research findings and conclusion.



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