

# Global Electric Energy Storage Systems 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 Electric Energy Storage Systems market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

Electric energy storage systems are the set of methods and technologies used to store various forms of energy.

In February 2023, the Standardization Administration of China and the National Energy Administration issued the Guidelines on the Construction of New Energy Storage Standard System, which included 205 new energy storage standards. In the 14th Five-Year Plan and the 2035 Vision Target Outline, the energy storage industry, energy storage capacity, energy storage projects have been made requirements. In 2021, China issued the Guiding Opinions on Accelerating the Development of New Energy Storage, which specified a clear path for the development of energy storage industry. According to the data of CEC, the cumulative installed capacity of electrochemical energy storage power stations that put into operation was mainly distributed in the power side, and the total energy is 6.80 GWh, which accounted for 48.40% by the end of 2022.

According to CNESA, by the end of 2022, the cumulative installed capacity of power energy storage projects which has put into operation in the world was 237.2GW, with an annual growth rate of 15%. The cumulative installed capacity of new energy storage reached 45.7GW, which has nearly twice of the same period last year, with an annual growth rate of 80%. The lithium-ion battery occupied an absolute dominant position, with an annual growth rate of more than 85%. The global energy storage market

developed rapidly, and the installed capacity of new power energy storage projects is 30.7GW, with a year-on-year growth of 98%. China, Europe and the United States continued to lead the development of the global energy storage market, collectively accounting for 86% of the global market.

According to CNESA statistics, by the end of 2022, the total installed capacity of power energy storage projects put into operation in China was 59.8GW, accounting for 25% of the total global market scale, with an annual growth rate of 38%. The cumulative installed capacity of new energy storage exceeded 10GW for the first time, reaching 13.1GW / 27.1, GWh. And the annual growth rate of power scale reached 128%, while the annual growth rate of energy scale reached 141%. The installed capacity of newly added power energy storage projects in China reached 16.5GW for the first time, among which the new capacity of pumped storage was 9.1GW. Among the new energy storage, lithium-ion battery occupied an absolute dominant position, accounting for 135%.

The Global Info Research report includes an overview of the development of the Electric Energy Storage Systems industry chain, the market status of Residential (Lithium, Lead Acid), Utility & Commercial (Lithium, Lead Acid), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Electric Energy Storage Systems.

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

#### Key Features:

The report presents comprehensive understanding of the Electric Energy Storage Systems 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 Electric Energy Storage Systems 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 (MW), revenue generated, and market share of different by Type (e.g., Lithium, Lead Acid).

**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 Electric Energy Storage Systems market.

**Regional Analysis:** The report involves examining the Electric Energy Storage Systems 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 Electric Energy Storage Systems market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Electric Energy Storage Systems:

**Company Analysis:** Report covers individual Electric Energy Storage Systems 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 Electric Energy Storage Systems This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Residential, Utility & Commercial).

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

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

Electric Energy Storage Systems 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

Lithium

Lead Acid

NaS

Others

### Market segment by Application

Residential

Utility & Commercial

### Major players covered

Samsung SDI

LG Chem

Hitachi

Kokam

Fluence Energy

LSIS

SMA Solar Technology

NGK

General Electric

Primus

Panasonic

BYD

Aggreko

ABB

Saft Batteries

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 Electric Energy Storage Systems product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the Electric Energy Storage Systems 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 Electric Energy Storage Systems 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 Electric Energy Storage Systems.

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

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope of Electric Energy Storage Systems

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Electric Energy Storage Systems Consumption Value by Type: 2019 Versus 2023 Versus 2030

1.3.2 Lithium

1.3.3 Lead Acid

1.3.4 NaS

1.3.5 Others

1.4 Market Analysis by Application

1.4.1 Overview: Global Electric Energy Storage Systems Consumption Value by Application: 2019 Versus 2023 Versus 2030

1.4.2 Residential

1.4.3 Utility & Commercial

1.5 Global Electric Energy Storage Systems Market Size & Forecast

1.5.1 Global Electric Energy Storage Systems Consumption Value (2019 & 2023 & 2030)

1.5.2 Global Electric Energy Storage Systems Sales Quantity (2019-2030)

1.5.3 Global Electric Energy Storage Systems Average Price (2019-2030)

### 2 MANUFACTURERS PROFILES

2.1 Samsung SDI

2.1.1 Samsung SDI Details

2.1.2 Samsung SDI Major Business

2.1.3 Samsung SDI Electric Energy Storage Systems Product and Services

2.1.4 Samsung SDI Electric Energy Storage Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.1.5 Samsung SDI Recent Developments/Updates

2.2 LG Chem

2.2.1 LG Chem Details

2.2.2 LG Chem Major Business

2.2.3 LG Chem Electric Energy Storage Systems Product and Services

2.2.4 LG Chem Electric Energy Storage Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)



## 2.2.5 LG Chem Recent Developments/Updates

## 2.3 Hitachi

### 2.3.1 Hitachi Details

### 2.3.2 Hitachi Major Business

### 2.3.3 Hitachi Electric Energy Storage Systems Product and Services

### 2.3.4 Hitachi Electric Energy Storage Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.3.5 Hitachi Recent Developments/Updates

## 2.4 Kokam

### 2.4.1 Kokam Details

### 2.4.2 Kokam Major Business

### 2.4.3 Kokam Electric Energy Storage Systems Product and Services

### 2.4.4 Kokam Electric Energy Storage Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.4.5 Kokam Recent Developments/Updates

## 2.5 Fluence Energy

### 2.5.1 Fluence Energy Details

### 2.5.2 Fluence Energy Major Business

### 2.5.3 Fluence Energy Electric Energy Storage Systems Product and Services

### 2.5.4 Fluence Energy Electric Energy Storage Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.5.5 Fluence Energy Recent Developments/Updates

## 2.6 LSIS

### 2.6.1 LSIS Details

### 2.6.2 LSIS Major Business

### 2.6.3 LSIS Electric Energy Storage Systems Product and Services

### 2.6.4 LSIS Electric Energy Storage Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.6.5 LSIS Recent Developments/Updates

## 2.7 SMA Solar Technology

### 2.7.1 SMA Solar Technology Details

### 2.7.2 SMA Solar Technology Major Business

### 2.7.3 SMA Solar Technology Electric Energy Storage Systems Product and Services

### 2.7.4 SMA Solar Technology Electric Energy Storage Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.7.5 SMA Solar Technology Recent Developments/Updates

## 2.8 NGK

### 2.8.1 NGK Details

### 2.8.2 NGK Major Business



- 2.8.3 NGK Electric Energy Storage Systems Product and Services
- 2.8.4 NGK Electric Energy Storage Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.8.5 NGK Recent Developments/Updates
- 2.9 General Electric
  - 2.9.1 General Electric Details
  - 2.9.2 General Electric Major Business
  - 2.9.3 General Electric Electric Energy Storage Systems Product and Services
  - 2.9.4 General Electric Electric Energy Storage Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.9.5 General Electric Recent Developments/Updates
- 2.10 Primus
  - 2.10.1 Primus Details
  - 2.10.2 Primus Major Business
  - 2.10.3 Primus Electric Energy Storage Systems Product and Services
  - 2.10.4 Primus Electric Energy Storage Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.10.5 Primus Recent Developments/Updates
- 2.11 Panasonic
  - 2.11.1 Panasonic Details
  - 2.11.2 Panasonic Major Business
  - 2.11.3 Panasonic Electric Energy Storage Systems Product and Services
  - 2.11.4 Panasonic Electric Energy Storage Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.11.5 Panasonic Recent Developments/Updates
- 2.12 BYD
  - 2.12.1 BYD Details
  - 2.12.2 BYD Major Business
  - 2.12.3 BYD Electric Energy Storage Systems Product and Services
  - 2.12.4 BYD Electric Energy Storage Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.12.5 BYD Recent Developments/Updates
- 2.13 Aggreko
  - 2.13.1 Aggreko Details
  - 2.13.2 Aggreko Major Business
  - 2.13.3 Aggreko Electric Energy Storage Systems Product and Services
  - 2.13.4 Aggreko Electric Energy Storage Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.13.5 Aggreko Recent Developments/Updates

## 2.14 ABB

### 2.14.1 ABB Details

### 2.14.2 ABB Major Business

### 2.14.3 ABB Electric Energy Storage Systems Product and Services

### 2.14.4 ABB Electric Energy Storage Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.14.5 ABB Recent Developments/Updates

## 2.15 Saft Batteries

### 2.15.1 Saft Batteries Details

### 2.15.2 Saft Batteries Major Business

### 2.15.3 Saft Batteries Electric Energy Storage Systems Product and Services

### 2.15.4 Saft Batteries Electric Energy Storage Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.15.5 Saft Batteries Recent Developments/Updates

## 2.16 Lockheed Martin Energy

### 2.16.1 Lockheed Martin Energy Details

### 2.16.2 Lockheed Martin Energy Major Business

### 2.16.3 Lockheed Martin Energy Electric Energy Storage Systems Product and Services

### 2.16.4 Lockheed Martin Energy Electric Energy Storage Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.16.5 Lockheed Martin Energy Recent Developments/Updates

## 2.17 Eos Energy Storage

### 2.17.1 Eos Energy Storage Details

### 2.17.2 Eos Energy Storage Major Business

### 2.17.3 Eos Energy Storage Electric Energy Storage Systems Product and Services

### 2.17.4 Eos Energy Storage Electric Energy Storage Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.17.5 Eos Energy Storage Recent Developments/Updates

## 2.18 Con Edison Solutions

### 2.18.1 Con Edison Solutions Details

### 2.18.2 Con Edison Solutions Major Business

### 2.18.3 Con Edison Solutions Electric Energy Storage Systems Product and Services

### 2.18.4 Con Edison Solutions Electric Energy Storage Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.18.5 Con Edison Solutions Recent Developments/Updates

## **3 COMPETITIVE ENVIRONMENT: ELECTRIC ENERGY STORAGE SYSTEMS BY MANUFACTURER**

- 3.1 Global Electric Energy Storage Systems Sales Quantity by Manufacturer (2019-2024)
- 3.2 Global Electric Energy Storage Systems Revenue by Manufacturer (2019-2024)
- 3.3 Global Electric Energy Storage Systems Average Price by Manufacturer (2019-2024)
- 3.4 Market Share Analysis (2023)
  - 3.4.1 Producer Shipments of Electric Energy Storage Systems by Manufacturer Revenue (\$MM) and Market Share (%): 2023
  - 3.4.2 Top 3 Electric Energy Storage Systems Manufacturer Market Share in 2023
  - 3.4.2 Top 6 Electric Energy Storage Systems Manufacturer Market Share in 2023
- 3.5 Electric Energy Storage Systems Market: Overall Company Footprint Analysis
  - 3.5.1 Electric Energy Storage Systems Market: Region Footprint
  - 3.5.2 Electric Energy Storage Systems Market: Company Product Type Footprint
  - 3.5.3 Electric Energy Storage Systems Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

## **4 CONSUMPTION ANALYSIS BY REGION**

- 4.1 Global Electric Energy Storage Systems Market Size by Region
  - 4.1.1 Global Electric Energy Storage Systems Sales Quantity by Region (2019-2030)
  - 4.1.2 Global Electric Energy Storage Systems Consumption Value by Region (2019-2030)
  - 4.1.3 Global Electric Energy Storage Systems Average Price by Region (2019-2030)
- 4.2 North America Electric Energy Storage Systems Consumption Value (2019-2030)
- 4.3 Europe Electric Energy Storage Systems Consumption Value (2019-2030)
- 4.4 Asia-Pacific Electric Energy Storage Systems Consumption Value (2019-2030)
- 4.5 South America Electric Energy Storage Systems Consumption Value (2019-2030)
- 4.6 Middle East and Africa Electric Energy Storage Systems Consumption Value (2019-2030)

## **5 MARKET SEGMENT BY TYPE**

- 5.1 Global Electric Energy Storage Systems Sales Quantity by Type (2019-2030)
- 5.2 Global Electric Energy Storage Systems Consumption Value by Type (2019-2030)
- 5.3 Global Electric Energy Storage Systems Average Price by Type (2019-2030)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global Electric Energy Storage Systems Sales Quantity by Application (2019-2030)
- 6.2 Global Electric Energy Storage Systems Consumption Value by Application (2019-2030)
- 6.3 Global Electric Energy Storage Systems Average Price by Application (2019-2030)

## **7 NORTH AMERICA**

- 7.1 North America Electric Energy Storage Systems Sales Quantity by Type (2019-2030)
- 7.2 North America Electric Energy Storage Systems Sales Quantity by Application (2019-2030)
- 7.3 North America Electric Energy Storage Systems Market Size by Country
  - 7.3.1 North America Electric Energy Storage Systems Sales Quantity by Country (2019-2030)
  - 7.3.2 North America Electric Energy Storage Systems Consumption Value by Country (2019-2030)
  - 7.3.3 United States Market Size and Forecast (2019-2030)
  - 7.3.4 Canada Market Size and Forecast (2019-2030)
  - 7.3.5 Mexico Market Size and Forecast (2019-2030)

## **8 EUROPE**

- 8.1 Europe Electric Energy Storage Systems Sales Quantity by Type (2019-2030)
- 8.2 Europe Electric Energy Storage Systems Sales Quantity by Application (2019-2030)
- 8.3 Europe Electric Energy Storage Systems Market Size by Country
  - 8.3.1 Europe Electric Energy Storage Systems Sales Quantity by Country (2019-2030)
  - 8.3.2 Europe Electric Energy Storage Systems Consumption Value by Country (2019-2030)
  - 8.3.3 Germany Market Size and Forecast (2019-2030)
  - 8.3.4 France Market Size and Forecast (2019-2030)
  - 8.3.5 United Kingdom Market Size and Forecast (2019-2030)
  - 8.3.6 Russia Market Size and Forecast (2019-2030)
  - 8.3.7 Italy Market Size and Forecast (2019-2030)

## **9 ASIA-PACIFIC**

- 9.1 Asia-Pacific Electric Energy Storage Systems Sales Quantity by Type (2019-2030)
- 9.2 Asia-Pacific Electric Energy Storage Systems Sales Quantity by Application

(2019-2030)

### 9.3 Asia-Pacific Electric Energy Storage Systems Market Size by Region

#### 9.3.1 Asia-Pacific Electric Energy Storage Systems Sales Quantity by Region

(2019-2030)

#### 9.3.2 Asia-Pacific Electric Energy Storage Systems Consumption Value by Region

(2019-2030)

#### 9.3.3 China Market Size and Forecast (2019-2030)

#### 9.3.4 Japan Market Size and Forecast (2019-2030)

#### 9.3.5 Korea Market Size and Forecast (2019-2030)

#### 9.3.6 India Market Size and Forecast (2019-2030)

#### 9.3.7 Southeast Asia Market Size and Forecast (2019-2030)

#### 9.3.8 Australia Market Size and Forecast (2019-2030)

## 10 SOUTH AMERICA

### 10.1 South America Electric Energy Storage Systems Sales Quantity by Type

(2019-2030)

### 10.2 South America Electric Energy Storage Systems Sales Quantity by Application

(2019-2030)

### 10.3 South America Electric Energy Storage Systems Market Size by Country

#### 10.3.1 South America Electric Energy Storage Systems Sales Quantity by Country

(2019-2030)

#### 10.3.2 South America Electric Energy Storage Systems Consumption Value by Country (2019-2030)

#### 10.3.3 Brazil Market Size and Forecast (2019-2030)

#### 10.3.4 Argentina Market Size and Forecast (2019-2030)

## 11 MIDDLE EAST & AFRICA

### 11.1 Middle East & Africa Electric Energy Storage Systems Sales Quantity by Type

(2019-2030)

### 11.2 Middle East & Africa Electric Energy Storage Systems Sales Quantity by Application (2019-2030)

### 11.3 Middle East & Africa Electric Energy Storage Systems Market Size by Country

#### 11.3.1 Middle East & Africa Electric Energy Storage Systems Sales Quantity by Country (2019-2030)

#### 11.3.2 Middle East & Africa Electric Energy Storage Systems Consumption Value by Country (2019-2030)

#### 11.3.3 Turkey Market Size and Forecast (2019-2030)

- 11.3.4 Egypt Market Size and Forecast (2019-2030)
- 11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)
- 11.3.6 South Africa Market Size and Forecast (2019-2030)

## **12 MARKET DYNAMICS**

- 12.1 Electric Energy Storage Systems Market Drivers
- 12.2 Electric Energy Storage Systems Market Restraints
- 12.3 Electric Energy Storage Systems Trends Analysis
- 12.4 Porters Five Forces Analysis
  - 12.4.1 Threat of New Entrants
  - 12.4.2 Bargaining Power of Suppliers
  - 12.4.3 Bargaining Power of Buyers
  - 12.4.4 Threat of Substitutes
  - 12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

- 13.1 Raw Material of Electric Energy Storage Systems and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Electric Energy Storage Systems
- 13.3 Electric Energy Storage Systems Production Process
- 13.4 Electric Energy Storage Systems Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

- 14.1 Sales Channel
  - 14.1.1 Direct to End-User
  - 14.1.2 Distributors
- 14.2 Electric Energy Storage Systems Typical Distributors
- 14.3 Electric Energy Storage Systems Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer



## List Of Tables

### LIST OF TABLES

- Table 1. Global Electric Energy Storage Systems Consumption Value by Type, (USD Million), 2019 & 2023 & 2030
- Table 2. Global Electric Energy Storage Systems Consumption Value by Application, (USD Million), 2019 & 2023 & 2030
- Table 3. Samsung SDI Basic Information, Manufacturing Base and Competitors
- Table 4. Samsung SDI Major Business
- Table 5. Samsung SDI Electric Energy Storage Systems Product and Services
- Table 6. Samsung SDI Electric Energy Storage Systems Sales Quantity (MW), Average Price (USD/kW), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 7. Samsung SDI Recent Developments/Updates
- Table 8. LG Chem Basic Information, Manufacturing Base and Competitors
- Table 9. LG Chem Major Business
- Table 10. LG Chem Electric Energy Storage Systems Product and Services
- Table 11. LG Chem Electric Energy Storage Systems Sales Quantity (MW), Average Price (USD/kW), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 12. LG Chem Recent Developments/Updates
- Table 13. Hitachi Basic Information, Manufacturing Base and Competitors
- Table 14. Hitachi Major Business
- Table 15. Hitachi Electric Energy Storage Systems Product and Services
- Table 16. Hitachi Electric Energy Storage Systems Sales Quantity (MW), Average Price (USD/kW), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 17. Hitachi Recent Developments/Updates
- Table 18. Kokam Basic Information, Manufacturing Base and Competitors
- Table 19. Kokam Major Business
- Table 20. Kokam Electric Energy Storage Systems Product and Services
- Table 21. Kokam Electric Energy Storage Systems Sales Quantity (MW), Average Price (USD/kW), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 22. Kokam Recent Developments/Updates
- Table 23. Fluence Energy Basic Information, Manufacturing Base and Competitors
- Table 24. Fluence Energy Major Business
- Table 25. Fluence Energy Electric Energy Storage Systems Product and Services
- Table 26. Fluence Energy Electric Energy Storage Systems Sales Quantity (MW), Average Price (USD/kW), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 27. Fluence Energy Recent Developments/Updates



Table 28. LSIS Basic Information, Manufacturing Base and Competitors

Table 29. LSIS Major Business

Table 30. LSIS Electric Energy Storage Systems Product and Services

Table 31. LSIS Electric Energy Storage Systems Sales Quantity (MW), Average Price (USD/kW), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 32. LSIS Recent Developments/Updates

Table 33. SMA Solar Technology Basic Information, Manufacturing Base and Competitors

Table 34. SMA Solar Technology Major Business

Table 35. SMA Solar Technology Electric Energy Storage Systems Product and Services

Table 36. SMA Solar Technology Electric Energy Storage Systems Sales Quantity (MW), Average Price (USD/kW), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 37. SMA Solar Technology Recent Developments/Updates

Table 38. NGK Basic Information, Manufacturing Base and Competitors

Table 39. NGK Major Business

Table 40. NGK Electric Energy Storage Systems Product and Services

Table 41. NGK Electric Energy Storage Systems Sales Quantity (MW), Average Price (USD/kW), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 42. NGK Recent Developments/Updates

Table 43. General Electric Basic Information, Manufacturing Base and Competitors

Table 44. General Electric Major Business

Table 45. General Electric Electric Energy Storage Systems Product and Services

Table 46. General Electric Electric Energy Storage Systems Sales Quantity (MW), Average Price (USD/kW), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 47. General Electric Recent Developments/Updates

Table 48. Primus Basic Information, Manufacturing Base and Competitors

Table 49. Primus Major Business

Table 50. Primus Electric Energy Storage Systems Product and Services

Table 51. Primus Electric Energy Storage Systems Sales Quantity (MW), Average Price (USD/kW), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 52. Primus Recent Developments/Updates

Table 53. Panasonic Basic Information, Manufacturing Base and Competitors

Table 54. Panasonic Major Business

Table 55. Panasonic Electric Energy Storage Systems Product and Services

Table 56. Panasonic Electric Energy Storage Systems Sales Quantity (MW), Average Price (USD/kW), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

- Table 57. Panasonic Recent Developments/Updates
- Table 58. BYD Basic Information, Manufacturing Base and Competitors
- Table 59. BYD Major Business
- Table 60. BYD Electric Energy Storage Systems Product and Services
- Table 61. BYD Electric Energy Storage Systems Sales Quantity (MW), Average Price (USD/kW), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 62. BYD Recent Developments/Updates
- Table 63. Aggreko Basic Information, Manufacturing Base and Competitors
- Table 64. Aggreko Major Business
- Table 65. Aggreko Electric Energy Storage Systems Product and Services
- Table 66. Aggreko Electric Energy Storage Systems Sales Quantity (MW), Average Price (USD/kW), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 67. Aggreko Recent Developments/Updates
- Table 68. ABB Basic Information, Manufacturing Base and Competitors
- Table 69. ABB Major Business
- Table 70. ABB Electric Energy Storage Systems Product and Services
- Table 71. ABB Electric Energy Storage Systems Sales Quantity (MW), Average Price (USD/kW), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 72. ABB Recent Developments/Updates
- Table 73. Saft Batteries Basic Information, Manufacturing Base and Competitors
- Table 74. Saft Batteries Major Business
- Table 75. Saft Batteries Electric Energy Storage Systems Product and Services
- Table 76. Saft Batteries Electric Energy Storage Systems Sales Quantity (MW), Average Price (USD/kW), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 77. Saft Batteries Recent Developments/Updates
- Table 78. Lockheed Martin Energy Basic Information, Manufacturing Base and Competitors
- Table 79. Lockheed Martin Energy Major Business
- Table 80. Lockheed Martin Energy Electric Energy Storage Systems Product and Services
- Table 81. Lockheed Martin Energy Electric Energy Storage Systems Sales Quantity (MW), Average Price (USD/kW), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 82. Lockheed Martin Energy Recent Developments/Updates
- Table 83. Eos Energy Storage Basic Information, Manufacturing Base and Competitors
- Table 84. Eos Energy Storage Major Business
- Table 85. Eos Energy Storage Electric Energy Storage Systems Product and Services
- Table 86. Eos Energy Storage Electric Energy Storage Systems Sales Quantity (MW),

Average Price (USD/kW), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 87. Eos Energy Storage Recent Developments/Updates

Table 88. Con Edison Solutions Basic Information, Manufacturing Base and Competitors

Table 89. Con Edison Solutions Major Business

Table 90. Con Edison Solutions Electric Energy Storage Systems Product and Services

Table 91. Con Edison Solutions Electric Energy Storage Systems Sales Quantity (MW), Average Price (USD/kW), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 92. Con Edison Solutions Recent Developments/Updates

Table 93. Global Electric Energy Storage Systems Sales Quantity by Manufacturer (2019-2024) & (MW)

Table 94. Global Electric Energy Storage Systems Revenue by Manufacturer (2019-2024) & (USD Million)

Table 95. Global Electric Energy Storage Systems Average Price by Manufacturer (2019-2024) & (USD/kW)

Table 96. Market Position of Manufacturers in Electric Energy Storage Systems, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023

Table 97. Head Office and Electric Energy Storage Systems Production Site of Key Manufacturer

Table 98. Electric Energy Storage Systems Market: Company Product Type Footprint

Table 99. Electric Energy Storage Systems Market: Company Product Application Footprint

Table 100. Electric Energy Storage Systems New Market Entrants and Barriers to Market Entry

Table 101. Electric Energy Storage Systems Mergers, Acquisition, Agreements, and Collaborations

Table 102. Global Electric Energy Storage Systems Sales Quantity by Region (2019-2024) & (MW)

Table 103. Global Electric Energy Storage Systems Sales Quantity by Region (2025-2030) & (MW)

Table 104. Global Electric Energy Storage Systems Consumption Value by Region (2019-2024) & (USD Million)

Table 105. Global Electric Energy Storage Systems Consumption Value by Region (2025-2030) & (USD Million)

Table 106. Global Electric Energy Storage Systems Average Price by Region (2019-2024) & (USD/kW)

Table 107. Global Electric Energy Storage Systems Average Price by Region

(2025-2030) & (USD/kW)

Table 108. Global Electric Energy Storage Systems Sales Quantity by Type

(2019-2024) & (MW)

Table 109. Global Electric Energy Storage Systems Sales Quantity by Type

(2025-2030) & (MW)

Table 110. Global Electric Energy Storage Systems Consumption Value by Type

(2019-2024) & (USD Million)

Table 111. Global Electric Energy Storage Systems Consumption Value by Type

(2025-2030) & (USD Million)

Table 112. Global Electric Energy Storage Systems Average Price by Type (2019-2024)  
& (USD/kW)

Table 113. Global Electric Energy Storage Systems Average Price by Type (2025-2030)  
& (USD/kW)

Table 114. Global Electric Energy Storage Systems Sales Quantity by Application  
(2019-2024) & (MW)

Table 115. Global Electric Energy Storage Systems Sales Quantity by Application  
(2025-2030) & (MW)

Table 116. Global Electric Energy Storage Systems Consumption Value by Application  
(2019-2024) & (USD Million)

Table 117. Global Electric Energy Storage Systems Consumption Value by Application  
(2025-2030) & (USD Million)

Table 118. Global Electric Energy Storage Systems Average Price by Application  
(2019-2024) & (USD/kW)

Table 119. Global Electric Energy Storage Systems Average Price by Application  
(2025-2030) & (USD/kW)

Table 120. North America Electric Energy Storage Systems Sales Quantity by Type  
(2019-2024) & (MW)

Table 121. North America Electric Energy Storage Systems Sales Quantity by Type  
(2025-2030) & (MW)

Table 122. North America Electric Energy Storage Systems Sales Quantity by  
Application (2019-2024) & (MW)

Table 123. North America Electric Energy Storage Systems Sales Quantity by  
Application (2025-2030) & (MW)

Table 124. North America Electric Energy Storage Systems Sales Quantity by Country  
(2019-2024) & (MW)

Table 125. North America Electric Energy Storage Systems Sales Quantity by Country  
(2025-2030) & (MW)

Table 126. North America Electric Energy Storage Systems Consumption Value by  
Country (2019-2024) & (USD Million)

Table 127. North America Electric Energy Storage Systems Consumption Value by Country (2025-2030) & (USD Million)

Table 128. Europe Electric Energy Storage Systems Sales Quantity by Type (2019-2024) & (MW)

Table 129. Europe Electric Energy Storage Systems Sales Quantity by Type (2025-2030) & (MW)

Table 130. Europe Electric Energy Storage Systems Sales Quantity by Application (2019-2024) & (MW)

Table 131. Europe Electric Energy Storage Systems Sales Quantity by Application (2025-2030) & (MW)

Table 132. Europe Electric Energy Storage Systems Sales Quantity by Country (2019-2024) & (MW)

Table 133. Europe Electric Energy Storage Systems Sales Quantity by Country (2025-2030) & (MW)

Table 134. Europe Electric Energy Storage Systems Consumption Value by Country (2019-2024) & (USD Million)

Table 135. Europe Electric Energy Storage Systems Consumption Value by Country (2025-2030) & (USD Million)

Table 136. Asia-Pacific Electric Energy Storage Systems Sales Quantity by Type (2019-2024) & (MW)

Table 137. Asia-Pacific Electric Energy Storage Systems Sales Quantity by Type (2025-2030) & (MW)

Table 138. Asia-Pacific Electric Energy Storage Systems Sales Quantity by Application (2019-2024) & (MW)

Table 139. Asia-Pacific Electric Energy Storage Systems Sales Quantity by Application (2025-2030) & (MW)

Table 140. Asia-Pacific Electric Energy Storage Systems Sales Quantity by Region (2019-2024) & (MW)

Table 141. Asia-Pacific Electric Energy Storage Systems Sales Quantity by Region (2025-2030) & (MW)

Table 142. Asia-Pacific Electric Energy Storage Systems Consumption Value by Region (2019-2024) & (USD Million)

Table 143. Asia-Pacific Electric Energy Storage Systems Consumption Value by Region (2025-2030) & (USD Million)

Table 144. South America Electric Energy Storage Systems Sales Quantity by Type (2019-2024) & (MW)

Table 145. South America Electric Energy Storage Systems Sales Quantity by Type (2025-2030) & (MW)

Table 146. South America Electric Energy Storage Systems Sales Quantity by



Application (2019-2024) & (MW)

Table 147. South America Electric Energy Storage Systems Sales Quantity by

Application (2025-2030) & (MW)

Table 148. South America Electric Energy Storage Systems Sales Quantity by Country

(2019-2024) & (MW)

Table 149. South America Electric Energy Storage Systems Sales Quantity by Country

(2025-2030) & (MW)

Table 150. South America Electric Energy Storage Systems Consumption Value by

Country (2019-2024) & (USD Million)

Table 151. South America Electric Energy Storage Systems Consumption Value by

Country (2025-2030) & (USD Million)

Table 152. Middle East & Africa Electric Energy Storage Systems Sales Quantity by

Type (2019-2024) & (MW)

Table 153. Middle East & Africa Electric Energy Storage Systems Sales Quantity by

Type (2025-2030) & (MW)

Table 154. Middle East & Africa Electric Energy Storage Systems Sales Quantity by

Application (2019-2024) & (MW)

Table 155. Middle East & Africa Electric Energy Storage Systems Sales Quantity by

Application (2025-2030) & (MW)

Table 156. Middle East & Africa Electric Energy Storage Systems Sales Quantity by

Region (2019-2024) & (MW)

Table 157. Middle East & Africa Electric Energy Storage Systems Sales Quantity by

Region (2025-2030) & (MW)

Table 158. Middle East & Africa Electric Energy Storage Systems Consumption Value

by Region (2019-2024) & (USD Million)

Table 159. Middle East & Africa Electric Energy Storage Systems Consumption Value

by Region (2025-2030) & (USD Million)

Table 160. Electric Energy Storage Systems Raw Material

Table 161. Key Manufacturers of Electric Energy Storage Systems Raw Materials

Table 162. Electric Energy Storage Systems Typical Distributors

Table 163. Electric Energy Storage Systems Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Electric Energy Storage Systems Picture

Figure 2. Global Electric Energy Storage Systems Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 3. Global Electric Energy Storage Systems Consumption Value Market Share by Type in 2023

Figure 4. Lithium Examples

Figure 5. Lead Acid Examples

Figure 6. NaS Examples

Figure 7. Others Examples

Figure 8. Global Electric Energy Storage Systems Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 9. Global Electric Energy Storage Systems Consumption Value Market Share by Application in 2023

Figure 10. Residential Examples

Figure 11. Utility & Commercial Examples

Figure 12. Global Electric Energy Storage Systems Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 13. Global Electric Energy Storage Systems Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 14. Global Electric Energy Storage Systems Sales Quantity (2019-2030) & (MW)

Figure 15. Global Electric Energy Storage Systems Average Price (2019-2030) & (USD/kW)

Figure 16. Global Electric Energy Storage Systems Sales Quantity Market Share by Manufacturer in 2023

Figure 17. Global Electric Energy Storage Systems Consumption Value Market Share by Manufacturer in 2023

Figure 18. Producer Shipments of Electric Energy Storage Systems by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 19. Top 3 Electric Energy Storage Systems Manufacturer (Consumption Value) Market Share in 2023

Figure 20. Top 6 Electric Energy Storage Systems Manufacturer (Consumption Value) Market Share in 2023

Figure 21. Global Electric Energy Storage Systems Sales Quantity Market Share by Region (2019-2030)

Figure 22. Global Electric Energy Storage Systems Consumption Value Market Share



by Region (2019-2030)

Figure 23. North America Electric Energy Storage Systems Consumption Value (2019-2030) & (USD Million)

Figure 24. Europe Electric Energy Storage Systems Consumption Value (2019-2030) & (USD Million)

Figure 25. Asia-Pacific Electric Energy Storage Systems Consumption Value (2019-2030) & (USD Million)

Figure 26. South America Electric Energy Storage Systems Consumption Value (2019-2030) & (USD Million)

Figure 27. Middle East & Africa Electric Energy Storage Systems Consumption Value (2019-2030) & (USD Million)

Figure 28. Global Electric Energy Storage Systems Sales Quantity Market Share by Type (2019-2030)

Figure 29. Global Electric Energy Storage Systems Consumption Value Market Share by Type (2019-2030)

Figure 30. Global Electric Energy Storage Systems Average Price by Type (2019-2030) & (USD/kW)

Figure 31. Global Electric Energy Storage Systems Sales Quantity Market Share by Application (2019-2030)

Figure 32. Global Electric Energy Storage Systems Consumption Value Market Share by Application (2019-2030)

Figure 33. Global Electric Energy Storage Systems Average Price by Application (2019-2030) & (USD/kW)

Figure 34. North America Electric Energy Storage Systems Sales Quantity Market Share by Type (2019-2030)

Figure 35. North America Electric Energy Storage Systems Sales Quantity Market Share by Application (2019-2030)

Figure 36. North America Electric Energy Storage Systems Sales Quantity Market Share by Country (2019-2030)

Figure 37. North America Electric Energy Storage Systems Consumption Value Market Share by Country (2019-2030)

Figure 38. United States Electric Energy Storage Systems Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 39. Canada Electric Energy Storage Systems Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 40. Mexico Electric Energy Storage Systems Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 41. Europe Electric Energy Storage Systems Sales Quantity Market Share by Type (2019-2030)

Figure 42. Europe Electric Energy Storage Systems Sales Quantity Market Share by Application (2019-2030)

Figure 43. Europe Electric Energy Storage Systems Sales Quantity Market Share by Country (2019-2030)

Figure 44. Europe Electric Energy Storage Systems Consumption Value Market Share by Country (2019-2030)

Figure 45. Germany Electric Energy Storage Systems Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 46. France Electric Energy Storage Systems Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 47. United Kingdom Electric Energy Storage Systems Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 48. Russia Electric Energy Storage Systems Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 49. Italy Electric Energy Storage Systems Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 50. Asia-Pacific Electric Energy Storage Systems Sales Quantity Market Share by Type (2019-2030)

Figure 51. Asia-Pacific Electric Energy Storage Systems Sales Quantity Market Share by Application (2019-2030)

Figure 52. Asia-Pacific Electric Energy Storage Systems Sales Quantity Market Share by Region (2019-2030)

Figure 53. Asia-Pacific Electric Energy Storage Systems Consumption Value Market Share by Region (2019-2030)

Figure 54. China Electric Energy Storage Systems Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 55. Japan Electric Energy Storage Systems Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 56. Korea Electric Energy Storage Systems Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 57. India Electric Energy Storage Systems Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 58. Southeast Asia Electric Energy Storage Systems Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. Australia Electric Energy Storage Systems Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 60. South America Electric Energy Storage Systems Sales Quantity Market Share by Type (2019-2030)

Figure 61. South America Electric Energy Storage Systems Sales Quantity Market

Share by Application (2019-2030)

Figure 62. South America Electric Energy Storage Systems Sales Quantity Market

Share by Country (2019-2030)

Figure 63. South America Electric Energy Storage Systems Consumption Value Market

Share by Country (2019-2030)

Figure 64. Brazil Electric Energy Storage Systems Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 65. Argentina Electric Energy Storage Systems Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 66. Middle East & Africa Electric Energy Storage Systems Sales Quantity Market Share by Type (2019-2030)

Figure 67. Middle East & Africa Electric Energy Storage Systems Sales Quantity Market Share by Application (2019-2030)

Figure 68. Middle East & Africa Electric Energy Storage Systems Sales Quantity Market Share by Region (2019-2030)

Figure 69. Middle East & Africa Electric Energy Storage Systems Consumption Value Market Share by Region (2019-2030)

Figure 70. Turkey Electric Energy Storage Systems Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 71. Egypt Electric Energy Storage Systems Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 72. Saudi Arabia Electric Energy Storage Systems Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 73. South Africa Electric Energy Storage Systems Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 74. Electric Energy Storage Systems Market Drivers

Figure 75. Electric Energy Storage Systems Market Restraints

Figure 76. Electric Energy Storage Systems Market Trends

Figure 77. Porters Five Forces Analysis

Figure 78. Manufacturing Cost Structure Analysis of Electric Energy Storage Systems in 2023

Figure 79. Manufacturing Process Analysis of Electric Energy Storage Systems

Figure 80. Electric Energy Storage Systems Industrial Chain

Figure 81. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 82. Direct Channel Pros & Cons

Figure 83. Indirect Channel Pros & Cons

Figure 84. Methodology

Figure 85. Research Process and Data Source

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