

# Global Grid-Scale Electricity Storage Technology Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Grid-Scale Electricity Storage Technology market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Grid-Scale Electricity Storage Technology refers to the technology used to store electricity on a large scale to balance the demand and supply of electricity in the power system during peak and off-peak periods. These technologies can store electricity for later use, thus improving the reliability and flexibility of the power system.

Currently, common Grid-Scale Electricity Storage Technologies include:

**Pumped Hydro Storage:** water is pumped to a high-level reservoir during peak periods and then released back to the reservoir during off-peak periods, driving a turbine to generate electricity.

**Battery Storage:** large battery arrays are used to store electricity for later use.

Grid-Scale Electricity Storage Technology is a very important field that can help us better manage the power system and improve its reliability and flexibility. It will play an increasingly important role in the future energy transition.

This report studies the global Grid-Scale Electricity Storage Technology demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for Grid-Scale Electricity Storage Technology, and provides market size (US\$ million) and Year-over-

Year (YoY) growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Grid-Scale Electricity Storage Technology that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Grid-Scale Electricity Storage Technology total market, 2018-2029, (USD Million)

Global Grid-Scale Electricity Storage Technology total market by region & country, CAGR, 2018-2029, (USD Million)

U.S. VS China: Grid-Scale Electricity Storage Technology total market, key domestic companies and share, (USD Million)

Global Grid-Scale Electricity Storage Technology revenue by player and market share 2018-2023, (USD Million)

Global Grid-Scale Electricity Storage Technology total market by Type, CAGR, 2018-2029, (USD Million)

Global Grid-Scale Electricity Storage Technology total market by Application, CAGR, 2018-2029, (USD Million)

This reports profiles major players in the global Grid-Scale Electricity Storage Technology market based on the following parameters – company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include ABB, GE, Panasonic, CATL, Toshiba International, Johnson Controls, LG Chem, Samsung SDI and Aquion Energy, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Grid-Scale Electricity Storage Technology market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$

Millions), by player, by regions, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

#### Global Grid-Scale Electricity Storage Technology Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Grid-Scale Electricity Storage Technology Market, Segmentation by Type

Mechanical Energy Storage

Electrochemical Energy Storage

#### Global Grid-Scale Electricity Storage Technology Market, Segmentation by Application

City Power Supply

Industrial Power Supply

Others

## Companies Profiled:

ABB

GE

Panasonic

CATL

Toshiba International

Johnson Controls

LG Chem

Samsung SDI

Aquion Energy

AES Corporation

Moss Landing Energy Storage Facility

DP World London Gateway

Victorian Big Battery

Gateway Battery Energy Storage System

Contemporary Amperex Technology Ltd

FlexGen

## Key Questions Answered

1. How big is the global Grid-Scale Electricity Storage Technology market?

2. What is the demand of the global Grid-Scale Electricity Storage Technology market?
3. What is the year over year growth of the global Grid-Scale Electricity Storage Technology market?
4. What is the total value of the global Grid-Scale Electricity Storage Technology market?
5. Who are the major players in the global Grid-Scale Electricity Storage Technology market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Grid-Scale Electricity Storage Technology Introduction
- 1.2 World Grid-Scale Electricity Storage Technology Market Size & Forecast (2018 & 2022 & 2029)
- 1.3 World Grid-Scale Electricity Storage Technology Total Market by Region (by Headquarter Location)
  - 1.3.1 World Grid-Scale Electricity Storage Technology Market Size by Region (2018-2029), (by Headquarter Location)
  - 1.3.2 United States Grid-Scale Electricity Storage Technology Market Size (2018-2029)
  - 1.3.3 China Grid-Scale Electricity Storage Technology Market Size (2018-2029)
  - 1.3.4 Europe Grid-Scale Electricity Storage Technology Market Size (2018-2029)
  - 1.3.5 Japan Grid-Scale Electricity Storage Technology Market Size (2018-2029)
  - 1.3.6 South Korea Grid-Scale Electricity Storage Technology Market Size (2018-2029)
  - 1.3.7 ASEAN Grid-Scale Electricity Storage Technology Market Size (2018-2029)
  - 1.3.8 India Grid-Scale Electricity Storage Technology Market Size (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Grid-Scale Electricity Storage Technology Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Grid-Scale Electricity Storage Technology Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
  - 1.5.1 Influence of COVID-19
  - 1.5.2 Influence of Russia-Ukraine War

### 2 DEMAND SUMMARY

- 2.1 World Grid-Scale Electricity Storage Technology Consumption Value (2018-2029)
- 2.2 World Grid-Scale Electricity Storage Technology Consumption Value by Region
  - 2.2.1 World Grid-Scale Electricity Storage Technology Consumption Value by Region (2018-2023)
  - 2.2.2 World Grid-Scale Electricity Storage Technology Consumption Value Forecast by Region (2024-2029)
- 2.3 United States Grid-Scale Electricity Storage Technology Consumption Value (2018-2029)
- 2.4 China Grid-Scale Electricity Storage Technology Consumption Value (2018-2029)
- 2.5 Europe Grid-Scale Electricity Storage Technology Consumption Value (2018-2029)

- 2.6 Japan Grid-Scale Electricity Storage Technology Consumption Value (2018-2029)
- 2.7 South Korea Grid-Scale Electricity Storage Technology Consumption Value (2018-2029)
- 2.8 ASEAN Grid-Scale Electricity Storage Technology Consumption Value (2018-2029)
- 2.9 India Grid-Scale Electricity Storage Technology Consumption Value (2018-2029)

### **3 WORLD GRID-SCALE ELECTRICITY STORAGE TECHNOLOGY COMPANIES COMPETITIVE ANALYSIS**

- 3.1 World Grid-Scale Electricity Storage Technology Revenue by Player (2018-2023)
- 3.2 Industry Rank and Concentration Rate (CR)
  - 3.2.1 Global Grid-Scale Electricity Storage Technology Industry Rank of Major Players
  - 3.2.2 Global Concentration Ratios (CR4) for Grid-Scale Electricity Storage Technology in 2022
  - 3.2.3 Global Concentration Ratios (CR8) for Grid-Scale Electricity Storage Technology in 2022
- 3.3 Grid-Scale Electricity Storage Technology Company Evaluation Quadrant
- 3.4 Grid-Scale Electricity Storage Technology Market: Overall Company Footprint Analysis
  - 3.4.1 Grid-Scale Electricity Storage Technology Market: Region Footprint
  - 3.4.2 Grid-Scale Electricity Storage Technology Market: Company Product Type Footprint
  - 3.4.3 Grid-Scale Electricity Storage Technology Market: Company Product Application Footprint
- 3.5 Competitive Environment
  - 3.5.1 Historical Structure of the Industry
  - 3.5.2 Barriers of Market Entry
  - 3.5.3 Factors of Competition
- 3.6 Mergers, Acquisitions Activity

### **4 UNITED STATES VS CHINA VS REST OF THE WORLD (BY HEADQUARTER LOCATION)**

- 4.1 United States VS China: Grid-Scale Electricity Storage Technology Revenue Comparison (by Headquarter Location)
  - 4.1.1 United States VS China: Grid-Scale Electricity Storage Technology Market Size Comparison (2018 & 2022 & 2029) (by Headquarter Location)
  - 4.1.2 United States VS China: Grid-Scale Electricity Storage Technology Revenue Market Share Comparison (2018 & 2022 & 2029)

## 4.2 United States Based Companies VS China Based Companies: Grid-Scale Electricity Storage Technology Consumption Value Comparison

4.2.1 United States VS China: Grid-Scale Electricity Storage Technology Consumption Value Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Grid-Scale Electricity Storage Technology Consumption Value Market Share Comparison (2018 & 2022 & 2029)

## 4.3 United States Based Grid-Scale Electricity Storage Technology Companies and Market Share, 2018-2023

4.3.1 United States Based Grid-Scale Electricity Storage Technology Companies, Headquarters (States, Country)

4.3.2 United States Based Companies Grid-Scale Electricity Storage Technology Revenue, (2018-2023)

## 4.4 China Based Companies Grid-Scale Electricity Storage Technology Revenue and Market Share, 2018-2023

4.4.1 China Based Grid-Scale Electricity Storage Technology Companies, Company Headquarters (Province, Country)

4.4.2 China Based Companies Grid-Scale Electricity Storage Technology Revenue, (2018-2023)

## 4.5 Rest of World Based Grid-Scale Electricity Storage Technology Companies and Market Share, 2018-2023

4.5.1 Rest of World Based Grid-Scale Electricity Storage Technology Companies, Headquarters (States, Country)

4.5.2 Rest of World Based Companies Grid-Scale Electricity Storage Technology Revenue, (2018-2023)

# 5 MARKET ANALYSIS BY TYPE

## 5.1 World Grid-Scale Electricity Storage Technology Market Size Overview by Type: 2018 VS 2022 VS 2029

### 5.2 Segment Introduction by Type

5.2.1 Mechanical Energy Storage

5.2.2 Electrochemical Energy Storage

### 5.3 Market Segment by Type

5.3.1 World Grid-Scale Electricity Storage Technology Market Size by Type (2018-2023)

5.3.2 World Grid-Scale Electricity Storage Technology Market Size by Type (2024-2029)

5.3.3 World Grid-Scale Electricity Storage Technology Market Size Market Share by Type (2018-2029)



## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World Grid-Scale Electricity Storage Technology Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 City Power Supply

6.2.2 Industrial Power Supply

6.2.3 Others

6.3 Market Segment by Application

6.3.1 World Grid-Scale Electricity Storage Technology Market Size by Application (2018-2023)

6.3.2 World Grid-Scale Electricity Storage Technology Market Size by Application (2024-2029)

6.3.3 World Grid-Scale Electricity Storage Technology Market Size by Application (2018-2029)

## **7 COMPANY PROFILES**

7.1 ABB

7.1.1 ABB Details

7.1.2 ABB Major Business

7.1.3 ABB Grid-Scale Electricity Storage Technology Product and Services

7.1.4 ABB Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023)

7.1.5 ABB Recent Developments/Updates

7.1.6 ABB Competitive Strengths & Weaknesses

7.2 GE

7.2.1 GE Details

7.2.2 GE Major Business

7.2.3 GE Grid-Scale Electricity Storage Technology Product and Services

7.2.4 GE Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023)

7.2.5 GE Recent Developments/Updates

7.2.6 GE Competitive Strengths & Weaknesses

7.3 Panasonic

7.3.1 Panasonic Details

7.3.2 Panasonic Major Business

7.3.3 Panasonic Grid-Scale Electricity Storage Technology Product and Services

7.3.4 Panasonic Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023)

7.3.5 Panasonic Recent Developments/Updates

7.3.6 Panasonic Competitive Strengths & Weaknesses

7.4 CATL

7.4.1 CATL Details

7.4.2 CATL Major Business

7.4.3 CATL Grid-Scale Electricity Storage Technology Product and Services

7.4.4 CATL Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023)

7.4.5 CATL Recent Developments/Updates

7.4.6 CATL Competitive Strengths & Weaknesses

7.5 Toshiba International

7.5.1 Toshiba International Details

7.5.2 Toshiba International Major Business

7.5.3 Toshiba International Grid-Scale Electricity Storage Technology Product and Services

7.5.4 Toshiba International Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023)

7.5.5 Toshiba International Recent Developments/Updates

7.5.6 Toshiba International Competitive Strengths & Weaknesses

7.6 Johnson Controls

7.6.1 Johnson Controls Details

7.6.2 Johnson Controls Major Business

7.6.3 Johnson Controls Grid-Scale Electricity Storage Technology Product and Services

7.6.4 Johnson Controls Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023)

7.6.5 Johnson Controls Recent Developments/Updates

7.6.6 Johnson Controls Competitive Strengths & Weaknesses

7.7 LG Chem

7.7.1 LG Chem Details

7.7.2 LG Chem Major Business

7.7.3 LG Chem Grid-Scale Electricity Storage Technology Product and Services

7.7.4 LG Chem Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023)

7.7.5 LG Chem Recent Developments/Updates

7.7.6 LG Chem Competitive Strengths & Weaknesses

7.8 Samsung SDI

- 7.8.1 Samsung SDI Details
- 7.8.2 Samsung SDI Major Business
- 7.8.3 Samsung SDI Grid-Scale Electricity Storage Technology Product and Services
- 7.8.4 Samsung SDI Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023)
- 7.8.5 Samsung SDI Recent Developments/Updates
- 7.8.6 Samsung SDI Competitive Strengths & Weaknesses
- 7.9 Aquion Energy
  - 7.9.1 Aquion Energy Details
  - 7.9.2 Aquion Energy Major Business
  - 7.9.3 Aquion Energy Grid-Scale Electricity Storage Technology Product and Services
  - 7.9.4 Aquion Energy Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023)
  - 7.9.5 Aquion Energy Recent Developments/Updates
  - 7.9.6 Aquion Energy Competitive Strengths & Weaknesses
- 7.10 AES Corporation
  - 7.10.1 AES Corporation Details
  - 7.10.2 AES Corporation Major Business
  - 7.10.3 AES Corporation Grid-Scale Electricity Storage Technology Product and Services
  - 7.10.4 AES Corporation Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023)
  - 7.10.5 AES Corporation Recent Developments/Updates
  - 7.10.6 AES Corporation Competitive Strengths & Weaknesses
- 7.11 Moss Landing Energy Storage Facility
  - 7.11.1 Moss Landing Energy Storage Facility Details
  - 7.11.2 Moss Landing Energy Storage Facility Major Business
  - 7.11.3 Moss Landing Energy Storage Facility Grid-Scale Electricity Storage Technology Product and Services
  - 7.11.4 Moss Landing Energy Storage Facility Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023)
  - 7.11.5 Moss Landing Energy Storage Facility Recent Developments/Updates
  - 7.11.6 Moss Landing Energy Storage Facility Competitive Strengths & Weaknesses
- 7.12 DP World London Gateway
  - 7.12.1 DP World London Gateway Details
  - 7.12.2 DP World London Gateway Major Business
  - 7.12.3 DP World London Gateway Grid-Scale Electricity Storage Technology Product and Services
  - 7.12.4 DP World London Gateway Grid-Scale Electricity Storage Technology

## Revenue, Gross Margin and Market Share (2018-2023)

7.12.5 DP World London Gateway Recent Developments/Updates

7.12.6 DP World London Gateway Competitive Strengths & Weaknesses

## 7.13 Victorian Big Battery

7.13.1 Victorian Big Battery Details

7.13.2 Victorian Big Battery Major Business

7.13.3 Victorian Big Battery Grid-Scale Electricity Storage Technology Product and Services

7.13.4 Victorian Big Battery Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023)

7.13.5 Victorian Big Battery Recent Developments/Updates

7.13.6 Victorian Big Battery Competitive Strengths & Weaknesses

## 7.14 Gateway Battery Energy Storage System

7.14.1 Gateway Battery Energy Storage System Details

7.14.2 Gateway Battery Energy Storage System Major Business

7.14.3 Gateway Battery Energy Storage System Grid-Scale Electricity Storage Technology Product and Services

7.14.4 Gateway Battery Energy Storage System Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023)

7.14.5 Gateway Battery Energy Storage System Recent Developments/Updates

7.14.6 Gateway Battery Energy Storage System Competitive Strengths & Weaknesses

## 7.15 Contemporary Amperex Technology Ltd

7.15.1 Contemporary Amperex Technology Ltd Details

7.15.2 Contemporary Amperex Technology Ltd Major Business

7.15.3 Contemporary Amperex Technology Ltd Grid-Scale Electricity Storage Technology Product and Services

7.15.4 Contemporary Amperex Technology Ltd Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023)

7.15.5 Contemporary Amperex Technology Ltd Recent Developments/Updates

7.15.6 Contemporary Amperex Technology Ltd Competitive Strengths & Weaknesses

## 7.16 FlexGen

7.16.1 FlexGen Details

7.16.2 FlexGen Major Business

7.16.3 FlexGen Grid-Scale Electricity Storage Technology Product and Services

7.16.4 FlexGen Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023)

7.16.5 FlexGen Recent Developments/Updates

7.16.6 FlexGen Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

- 8.1 Grid-Scale Electricity Storage Technology Industry Chain
- 8.2 Grid-Scale Electricity Storage Technology Upstream Analysis
- 8.3 Grid-Scale Electricity Storage Technology Midstream Analysis
- 8.4 Grid-Scale Electricity Storage Technology Downstream Analysis

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

- 10.1 Methodology
- 10.2 Research Process and Data Source
- 10.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Grid-Scale Electricity Storage Technology Revenue by Region (2018, 2022 and 2029) & (USD Million), (by Headquarter Location)

Table 2. World Grid-Scale Electricity Storage Technology Revenue by Region (2018-2023) & (USD Million), (by Headquarter Location)

Table 3. World Grid-Scale Electricity Storage Technology Revenue by Region (2024-2029) & (USD Million), (by Headquarter Location)

Table 4. World Grid-Scale Electricity Storage Technology Revenue Market Share by Region (2018-2023), (by Headquarter Location)

Table 5. World Grid-Scale Electricity Storage Technology Revenue Market Share by Region (2024-2029), (by Headquarter Location)

Table 6. Major Market Trends

Table 7. World Grid-Scale Electricity Storage Technology Consumption Value Growth Rate Forecast by Region (2018 & 2022 & 2029) & (USD Million)

Table 8. World Grid-Scale Electricity Storage Technology Consumption Value by Region (2018-2023) & (USD Million)

Table 9. World Grid-Scale Electricity Storage Technology Consumption Value Forecast by Region (2024-2029) & (USD Million)

Table 10. World Grid-Scale Electricity Storage Technology Revenue by Player (2018-2023) & (USD Million)

Table 11. Revenue Market Share of Key Grid-Scale Electricity Storage Technology Players in 2022

Table 12. World Grid-Scale Electricity Storage Technology Industry Rank of Major Player, Based on Revenue in 2022

Table 13. Global Grid-Scale Electricity Storage Technology Company Evaluation Quadrant

Table 14. Head Office of Key Grid-Scale Electricity Storage Technology Player

Table 15. Grid-Scale Electricity Storage Technology Market: Company Product Type Footprint

Table 16. Grid-Scale Electricity Storage Technology Market: Company Product Application Footprint

Table 17. Grid-Scale Electricity Storage Technology Mergers & Acquisitions Activity

Table 18. United States VS China Grid-Scale Electricity Storage Technology Market Size Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 19. United States VS China Grid-Scale Electricity Storage Technology Consumption Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 20. United States Based Grid-Scale Electricity Storage Technology Companies, Headquarters (States, Country)

Table 21. United States Based Companies Grid-Scale Electricity Storage Technology Revenue, (2018-2023) & (USD Million)

Table 22. United States Based Companies Grid-Scale Electricity Storage Technology Revenue Market Share (2018-2023)

Table 23. China Based Grid-Scale Electricity Storage Technology Companies, Headquarters (Province, Country)

Table 24. China Based Companies Grid-Scale Electricity Storage Technology Revenue, (2018-2023) & (USD Million)

Table 25. China Based Companies Grid-Scale Electricity Storage Technology Revenue Market Share (2018-2023)

Table 26. Rest of World Based Grid-Scale Electricity Storage Technology Companies, Headquarters (States, Country)

Table 27. Rest of World Based Companies Grid-Scale Electricity Storage Technology Revenue, (2018-2023) & (USD Million)

Table 28. Rest of World Based Companies Grid-Scale Electricity Storage Technology Revenue Market Share (2018-2023)

Table 29. World Grid-Scale Electricity Storage Technology Market Size by Type, (USD Million), 2018 & 2022 & 2029

Table 30. World Grid-Scale Electricity Storage Technology Market Size by Type (2018-2023) & (USD Million)

Table 31. World Grid-Scale Electricity Storage Technology Market Size by Type (2024-2029) & (USD Million)

Table 32. World Grid-Scale Electricity Storage Technology Market Size by Application, (USD Million), 2018 & 2022 & 2029

Table 33. World Grid-Scale Electricity Storage Technology Market Size by Application (2018-2023) & (USD Million)

Table 34. World Grid-Scale Electricity Storage Technology Market Size by Application (2024-2029) & (USD Million)

Table 35. ABB Basic Information, Area Served and Competitors

Table 36. ABB Major Business

Table 37. ABB Grid-Scale Electricity Storage Technology Product and Services

Table 38. ABB Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 39. ABB Recent Developments/Updates

Table 40. ABB Competitive Strengths & Weaknesses

Table 41. GE Basic Information, Area Served and Competitors

Table 42. GE Major Business

- Table 43. GE Grid-Scale Electricity Storage Technology Product and Services
- Table 44. GE Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)
- Table 45. GE Recent Developments/Updates
- Table 46. GE Competitive Strengths & Weaknesses
- Table 47. Panasonic Basic Information, Area Served and Competitors
- Table 48. Panasonic Major Business
- Table 49. Panasonic Grid-Scale Electricity Storage Technology Product and Services
- Table 50. Panasonic Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)
- Table 51. Panasonic Recent Developments/Updates
- Table 52. Panasonic Competitive Strengths & Weaknesses
- Table 53. CATL Basic Information, Area Served and Competitors
- Table 54. CATL Major Business
- Table 55. CATL Grid-Scale Electricity Storage Technology Product and Services
- Table 56. CATL Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)
- Table 57. CATL Recent Developments/Updates
- Table 58. CATL Competitive Strengths & Weaknesses
- Table 59. Toshiba International Basic Information, Area Served and Competitors
- Table 60. Toshiba International Major Business
- Table 61. Toshiba International Grid-Scale Electricity Storage Technology Product and Services
- Table 62. Toshiba International Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)
- Table 63. Toshiba International Recent Developments/Updates
- Table 64. Toshiba International Competitive Strengths & Weaknesses
- Table 65. Johnson Controls Basic Information, Area Served and Competitors
- Table 66. Johnson Controls Major Business
- Table 67. Johnson Controls Grid-Scale Electricity Storage Technology Product and Services
- Table 68. Johnson Controls Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)
- Table 69. Johnson Controls Recent Developments/Updates
- Table 70. Johnson Controls Competitive Strengths & Weaknesses
- Table 71. LG Chem Basic Information, Area Served and Competitors
- Table 72. LG Chem Major Business
- Table 73. LG Chem Grid-Scale Electricity Storage Technology Product and Services
- Table 74. LG Chem Grid-Scale Electricity Storage Technology Revenue, Gross Margin



and Market Share (2018-2023) & (USD Million)

Table 75. LG Chem Recent Developments/Updates

Table 76. LG Chem Competitive Strengths & Weaknesses

Table 77. Samsung SDI Basic Information, Area Served and Competitors

Table 78. Samsung SDI Major Business

Table 79. Samsung SDI Grid-Scale Electricity Storage Technology Product and Services

Table 80. Samsung SDI Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 81. Samsung SDI Recent Developments/Updates

Table 82. Samsung SDI Competitive Strengths & Weaknesses

Table 83. Aquion Energy Basic Information, Area Served and Competitors

Table 84. Aquion Energy Major Business

Table 85. Aquion Energy Grid-Scale Electricity Storage Technology Product and Services

Table 86. Aquion Energy Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 87. Aquion Energy Recent Developments/Updates

Table 88. Aquion Energy Competitive Strengths & Weaknesses

Table 89. AES Corporation Basic Information, Area Served and Competitors

Table 90. AES Corporation Major Business

Table 91. AES Corporation Grid-Scale Electricity Storage Technology Product and Services

Table 92. AES Corporation Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 93. AES Corporation Recent Developments/Updates

Table 94. AES Corporation Competitive Strengths & Weaknesses

Table 95. Moss Landing Energy Storage Facility Basic Information, Area Served and Competitors

Table 96. Moss Landing Energy Storage Facility Major Business

Table 97. Moss Landing Energy Storage Facility Grid-Scale Electricity Storage Technology Product and Services

Table 98. Moss Landing Energy Storage Facility Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 99. Moss Landing Energy Storage Facility Recent Developments/Updates

Table 100. Moss Landing Energy Storage Facility Competitive Strengths & Weaknesses

Table 101. DP World London Gateway Basic Information, Area Served and Competitors

Table 102. DP World London Gateway Major Business

Table 103. DP World London Gateway Grid-Scale Electricity Storage Technology

## Product and Services

Table 104. DP World London Gateway Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 105. DP World London Gateway Recent Developments/Updates

Table 106. DP World London Gateway Competitive Strengths & Weaknesses

Table 107. Victorian Big Battery Basic Information, Area Served and Competitors

Table 108. Victorian Big Battery Major Business

Table 109. Victorian Big Battery Grid-Scale Electricity Storage Technology Product and Services

Table 110. Victorian Big Battery Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 111. Victorian Big Battery Recent Developments/Updates

Table 112. Victorian Big Battery Competitive Strengths & Weaknesses

Table 113. Gateway Battery Energy Storage System Basic Information, Area Served and Competitors

Table 114. Gateway Battery Energy Storage System Major Business

Table 115. Gateway Battery Energy Storage System Grid-Scale Electricity Storage Technology Product and Services

Table 116. Gateway Battery Energy Storage System Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 117. Gateway Battery Energy Storage System Recent Developments/Updates

Table 118. Gateway Battery Energy Storage System Competitive Strengths & Weaknesses

Table 119. Contemporary Amperex Technology Ltd Basic Information, Area Served and Competitors

Table 120. Contemporary Amperex Technology Ltd Major Business

Table 121. Contemporary Amperex Technology Ltd Grid-Scale Electricity Storage Technology Product and Services

Table 122. Contemporary Amperex Technology Ltd Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 123. Contemporary Amperex Technology Ltd Recent Developments/Updates

Table 124. FlexGen Basic Information, Area Served and Competitors

Table 125. FlexGen Major Business

Table 126. FlexGen Grid-Scale Electricity Storage Technology Product and Services

Table 127. FlexGen Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 128. Global Key Players of Grid-Scale Electricity Storage Technology Upstream (Raw Materials)

Table 129. Grid-Scale Electricity Storage Technology Typical Customers



## List Of Figures

### LIST OF FIGURES

Figure 1. Grid-Scale Electricity Storage Technology Picture

Figure 2. World Grid-Scale Electricity Storage Technology Total Market Size: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Grid-Scale Electricity Storage Technology Total Market Size (2018-2029) & (USD Million)

Figure 4. World Grid-Scale Electricity Storage Technology Revenue Market Share by Region (2018, 2022 and 2029) & (USD Million) , (by Headquarter Location)

Figure 5. World Grid-Scale Electricity Storage Technology Revenue Market Share by Region (2018-2029), (by Headquarter Location)

Figure 6. United States Based Company Grid-Scale Electricity Storage Technology Revenue (2018-2029) & (USD Million)

Figure 7. China Based Company Grid-Scale Electricity Storage Technology Revenue (2018-2029) & (USD Million)

Figure 8. Europe Based Company Grid-Scale Electricity Storage Technology Revenue (2018-2029) & (USD Million)

Figure 9. Japan Based Company Grid-Scale Electricity Storage Technology Revenue (2018-2029) & (USD Million)

Figure 10. South Korea Based Company Grid-Scale Electricity Storage Technology Revenue (2018-2029) & (USD Million)

Figure 11. ASEAN Based Company Grid-Scale Electricity Storage Technology Revenue (2018-2029) & (USD Million)

Figure 12. India Based Company Grid-Scale Electricity Storage Technology Revenue (2018-2029) & (USD Million)

Figure 13. Grid-Scale Electricity Storage Technology Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Grid-Scale Electricity Storage Technology Consumption Value (2018-2029) & (USD Million)

Figure 16. World Grid-Scale Electricity Storage Technology Consumption Value Market Share by Region (2018-2029)

Figure 17. United States Grid-Scale Electricity Storage Technology Consumption Value (2018-2029) & (USD Million)

Figure 18. China Grid-Scale Electricity Storage Technology Consumption Value (2018-2029) & (USD Million)

Figure 19. Europe Grid-Scale Electricity Storage Technology Consumption Value (2018-2029) & (USD Million)

- Figure 20. Japan Grid-Scale Electricity Storage Technology Consumption Value (2018-2029) & (USD Million)
- Figure 21. South Korea Grid-Scale Electricity Storage Technology Consumption Value (2018-2029) & (USD Million)
- Figure 22. ASEAN Grid-Scale Electricity Storage Technology Consumption Value (2018-2029) & (USD Million)
- Figure 23. India Grid-Scale Electricity Storage Technology Consumption Value (2018-2029) & (USD Million)
- Figure 24. Producer Shipments of Grid-Scale Electricity Storage Technology by Player Revenue (\$MM) and Market Share (%): 2022
- Figure 25. Global Four-firm Concentration Ratios (CR4) for Grid-Scale Electricity Storage Technology Markets in 2022
- Figure 26. Global Four-firm Concentration Ratios (CR8) for Grid-Scale Electricity Storage Technology Markets in 2022
- Figure 27. United States VS China: Grid-Scale Electricity Storage Technology Revenue Market Share Comparison (2018 & 2022 & 2029)
- Figure 28. United States VS China: Grid-Scale Electricity Storage Technology Consumption Value Market Share Comparison (2018 & 2022 & 2029)
- Figure 29. World Grid-Scale Electricity Storage Technology Market Size by Type, (USD Million), 2018 & 2022 & 2029
- Figure 30. World Grid-Scale Electricity Storage Technology Market Size Market Share by Type in 2022
- Figure 31. Mechanical Energy Storage
- Figure 32. Electrochemical Energy Storage
- Figure 33. World Grid-Scale Electricity Storage Technology Market Size Market Share by Type (2018-2029)
- Figure 34. World Grid-Scale Electricity Storage Technology Market Size by Application, (USD Million), 2018 & 2022 & 2029
- Figure 35. World Grid-Scale Electricity Storage Technology Market Size Market Share by Application in 2022
- Figure 36. City Power Supply
- Figure 37. Industrial Power Supply
- Figure 38. Others
- Figure 39. Grid-Scale Electricity Storage Technology Industrial Chain
- Figure 40. Methodology
- Figure 41. Research Process and Data Source

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