

# Global Grid-Scale Electricity Storage Technology Market 2023 by Company, Regions, Type and Application, Forecast to 2029

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## Abstracts

According to our (Global Info Research) latest study, the global Grid-Scale Electricity Storage Technology market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

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 is a detailed and comprehensive analysis for global Grid-Scale Electricity Storage Technology market. Both quantitative and qualitative analyses are presented

by company, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

#### Key Features:

Global Grid-Scale Electricity Storage Technology market size and forecasts, in consumption value (\$ Million), 2018-2029

Global Grid-Scale Electricity Storage Technology market size and forecasts by region and country, in consumption value (\$ Million), 2018-2029

Global Grid-Scale Electricity Storage Technology market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2018-2029

Global Grid-Scale Electricity Storage Technology market shares of main players, in revenue (\$ Million), 2018-2023

#### The Primary Objectives in This Report Are:

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

To assess the growth potential for Grid-Scale Electricity Storage Technology

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

To assess competitive factors affecting the marketplace

This report profiles key players in the global Grid-Scale Electricity Storage Technology market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include ABB, GE, Panasonic, CATL and Toshiba International, etc.

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

## Market segmentation

Grid-Scale Electricity Storage Technology market is split by Type and by Application. For the period 2018-2029, the growth among segments provide accurate calculations and forecasts for consumption value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

Mechanical Energy Storage

Electrochemical Energy Storage

### Market segment by Application

City Power Supply

Industrial Power Supply

Others

### Market segment by players, this report covers

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

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 Grid-Scale Electricity Storage Technology product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Grid-Scale Electricity Storage Technology, with

revenue, gross margin and global market share of Grid-Scale Electricity Storage Technology from 2018 to 2023.

Chapter 3, the Grid-Scale Electricity Storage Technology 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 2018 to 2029.

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 2018 to 2023. and Grid-Scale Electricity Storage Technology market forecast, by regions, type and application, with consumption value, from 2024 to 2029.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War

Chapter 12, the key raw materials and key suppliers, and industry chain of Grid-Scale Electricity Storage Technology.

Chapter 13, to describe Grid-Scale Electricity Storage Technology research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Grid-Scale Electricity Storage Technology
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Classification of Grid-Scale Electricity Storage Technology by Type
  - 1.3.1 Overview: Global Grid-Scale Electricity Storage Technology Market Size by Type: 2018 Versus 2022 Versus 2029
  - 1.3.2 Global Grid-Scale Electricity Storage Technology Consumption Value Market Share by Type in 2022
  - 1.3.3 Mechanical Energy Storage
  - 1.3.4 Electrochemical Energy Storage
- 1.4 Global Grid-Scale Electricity Storage Technology Market by Application
  - 1.4.1 Overview: Global Grid-Scale Electricity Storage Technology Market Size by Application: 2018 Versus 2022 Versus 2029
  - 1.4.2 City Power Supply
  - 1.4.3 Industrial Power Supply
  - 1.4.4 Others
- 1.5 Global Grid-Scale Electricity Storage Technology Market Size & Forecast
- 1.6 Global Grid-Scale Electricity Storage Technology Market Size and Forecast by Region
  - 1.6.1 Global Grid-Scale Electricity Storage Technology Market Size by Region: 2018 VS 2022 VS 2029
  - 1.6.2 Global Grid-Scale Electricity Storage Technology Market Size by Region, (2018-2029)
  - 1.6.3 North America Grid-Scale Electricity Storage Technology Market Size and Prospect (2018-2029)
  - 1.6.4 Europe Grid-Scale Electricity Storage Technology Market Size and Prospect (2018-2029)
  - 1.6.5 Asia-Pacific Grid-Scale Electricity Storage Technology Market Size and Prospect (2018-2029)
  - 1.6.6 South America Grid-Scale Electricity Storage Technology Market Size and Prospect (2018-2029)
  - 1.6.7 Middle East and Africa Grid-Scale Electricity Storage Technology Market Size and Prospect (2018-2029)

### 2 COMPANY PROFILES

## 2.1 ABB

### 2.1.1 ABB Details

### 2.1.2 ABB Major Business

### 2.1.3 ABB Grid-Scale Electricity Storage Technology Product and Solutions

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

### 2.1.5 ABB Recent Developments and Future Plans

## 2.2 GE

### 2.2.1 GE Details

### 2.2.2 GE Major Business

### 2.2.3 GE Grid-Scale Electricity Storage Technology Product and Solutions

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

### 2.2.5 GE Recent Developments and Future Plans

## 2.3 Panasonic

### 2.3.1 Panasonic Details

### 2.3.2 Panasonic Major Business

### 2.3.3 Panasonic Grid-Scale Electricity Storage Technology Product and Solutions

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

### 2.3.5 Panasonic Recent Developments and Future Plans

## 2.4 CATL

### 2.4.1 CATL Details

### 2.4.2 CATL Major Business

### 2.4.3 CATL Grid-Scale Electricity Storage Technology Product and Solutions

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

### 2.4.5 CATL Recent Developments and Future Plans

## 2.5 Toshiba International

### 2.5.1 Toshiba International Details

### 2.5.2 Toshiba International Major Business

### 2.5.3 Toshiba International Grid-Scale Electricity Storage Technology Product and Solutions

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

### 2.5.5 Toshiba International Recent Developments and Future Plans

## 2.6 Johnson Controls

### 2.6.1 Johnson Controls Details

### 2.6.2 Johnson Controls Major Business

2.6.3 Johnson Controls Grid-Scale Electricity Storage Technology Product and Solutions

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

2.6.5 Johnson Controls Recent Developments and Future Plans

2.7 LG Chem

2.7.1 LG Chem Details

2.7.2 LG Chem Major Business

2.7.3 LG Chem Grid-Scale Electricity Storage Technology Product and Solutions

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

2.7.5 LG Chem Recent Developments and Future Plans

2.8 Samsung SDI

2.8.1 Samsung SDI Details

2.8.2 Samsung SDI Major Business

2.8.3 Samsung SDI Grid-Scale Electricity Storage Technology Product and Solutions

2.8.4 Samsung SDI Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023)

2.8.5 Samsung SDI Recent Developments and Future Plans

2.9 Aquion Energy

2.9.1 Aquion Energy Details

2.9.2 Aquion Energy Major Business

2.9.3 Aquion Energy Grid-Scale Electricity Storage Technology Product and Solutions

2.9.4 Aquion Energy Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023)

2.9.5 Aquion Energy Recent Developments and Future Plans

2.10 AES Corporation

2.10.1 AES Corporation Details

2.10.2 AES Corporation Major Business

2.10.3 AES Corporation Grid-Scale Electricity Storage Technology Product and Solutions

2.10.4 AES Corporation Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023)

2.10.5 AES Corporation Recent Developments and Future Plans

2.11 Moss Landing Energy Storage Facility

2.11.1 Moss Landing Energy Storage Facility Details

2.11.2 Moss Landing Energy Storage Facility Major Business

2.11.3 Moss Landing Energy Storage Facility Grid-Scale Electricity Storage Technology Product and Solutions



- 2.11.4 Moss Landing Energy Storage Facility Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023)
- 2.11.5 Moss Landing Energy Storage Facility Recent Developments and Future Plans
- 2.12 DP World London Gateway
  - 2.12.1 DP World London Gateway Details
  - 2.12.2 DP World London Gateway Major Business
  - 2.12.3 DP World London Gateway Grid-Scale Electricity Storage Technology Product and Solutions
  - 2.12.4 DP World London Gateway Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023)
  - 2.12.5 DP World London Gateway Recent Developments and Future Plans
- 2.13 Victorian Big Battery
  - 2.13.1 Victorian Big Battery Details
  - 2.13.2 Victorian Big Battery Major Business
  - 2.13.3 Victorian Big Battery Grid-Scale Electricity Storage Technology Product and Solutions
  - 2.13.4 Victorian Big Battery Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023)
  - 2.13.5 Victorian Big Battery Recent Developments and Future Plans
- 2.14 Gateway Battery Energy Storage System
  - 2.14.1 Gateway Battery Energy Storage System Details
  - 2.14.2 Gateway Battery Energy Storage System Major Business
  - 2.14.3 Gateway Battery Energy Storage System Grid-Scale Electricity Storage Technology Product and Solutions
  - 2.14.4 Gateway Battery Energy Storage System Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023)
  - 2.14.5 Gateway Battery Energy Storage System Recent Developments and Future Plans
- 2.15 Contemporary Amperex Technology Ltd
  - 2.15.1 Contemporary Amperex Technology Ltd Details
  - 2.15.2 Contemporary Amperex Technology Ltd Major Business
  - 2.15.3 Contemporary Amperex Technology Ltd Grid-Scale Electricity Storage Technology Product and Solutions
  - 2.15.4 Contemporary Amperex Technology Ltd Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023)
  - 2.15.5 Contemporary Amperex Technology Ltd Recent Developments and Future Plans
- 2.16 FlexGen
  - 2.16.1 FlexGen Details

- 2.16.2 FlexGen Major Business
- 2.16.3 FlexGen Grid-Scale Electricity Storage Technology Product and Solutions
- 2.16.4 FlexGen Grid-Scale Electricity Storage Technology Revenue, Gross Margin and Market Share (2018-2023)
- 2.16.5 FlexGen Recent Developments and Future Plans

### **3 MARKET COMPETITION, BY PLAYERS**

- 3.1 Global Grid-Scale Electricity Storage Technology Revenue and Share by Players (2018-2023)
- 3.2 Market Share Analysis (2022)
  - 3.2.1 Market Share of Grid-Scale Electricity Storage Technology by Company Revenue
  - 3.2.2 Top 3 Grid-Scale Electricity Storage Technology Players Market Share in 2022
  - 3.2.3 Top 6 Grid-Scale Electricity Storage Technology Players Market Share in 2022
- 3.3 Grid-Scale Electricity Storage Technology Market: Overall Company Footprint Analysis
  - 3.3.1 Grid-Scale Electricity Storage Technology Market: Region Footprint
  - 3.3.2 Grid-Scale Electricity Storage Technology Market: Company Product Type Footprint
  - 3.3.3 Grid-Scale Electricity Storage Technology Market: Company Product Application Footprint
- 3.4 New Market Entrants and Barriers to Market Entry
- 3.5 Mergers, Acquisition, Agreements, and Collaborations

### **4 MARKET SIZE SEGMENT BY TYPE**

- 4.1 Global Grid-Scale Electricity Storage Technology Consumption Value and Market Share by Type (2018-2023)
- 4.2 Global Grid-Scale Electricity Storage Technology Market Forecast by Type (2024-2029)

### **5 MARKET SIZE SEGMENT BY APPLICATION**

- 5.1 Global Grid-Scale Electricity Storage Technology Consumption Value Market Share by Application (2018-2023)
- 5.2 Global Grid-Scale Electricity Storage Technology Market Forecast by Application (2024-2029)

## **6 NORTH AMERICA**

6.1 North America Grid-Scale Electricity Storage Technology Consumption Value by Type (2018-2029)

6.2 North America Grid-Scale Electricity Storage Technology Consumption Value by Application (2018-2029)

6.3 North America Grid-Scale Electricity Storage Technology Market Size by Country

6.3.1 North America Grid-Scale Electricity Storage Technology Consumption Value by Country (2018-2029)

6.3.2 United States Grid-Scale Electricity Storage Technology Market Size and Forecast (2018-2029)

6.3.3 Canada Grid-Scale Electricity Storage Technology Market Size and Forecast (2018-2029)

6.3.4 Mexico Grid-Scale Electricity Storage Technology Market Size and Forecast (2018-2029)

## **7 EUROPE**

7.1 Europe Grid-Scale Electricity Storage Technology Consumption Value by Type (2018-2029)

7.2 Europe Grid-Scale Electricity Storage Technology Consumption Value by Application (2018-2029)

7.3 Europe Grid-Scale Electricity Storage Technology Market Size by Country

7.3.1 Europe Grid-Scale Electricity Storage Technology Consumption Value by Country (2018-2029)

7.3.2 Germany Grid-Scale Electricity Storage Technology Market Size and Forecast (2018-2029)

7.3.3 France Grid-Scale Electricity Storage Technology Market Size and Forecast (2018-2029)

7.3.4 United Kingdom Grid-Scale Electricity Storage Technology Market Size and Forecast (2018-2029)

7.3.5 Russia Grid-Scale Electricity Storage Technology Market Size and Forecast (2018-2029)

7.3.6 Italy Grid-Scale Electricity Storage Technology Market Size and Forecast (2018-2029)

## **8 ASIA-PACIFIC**

8.1 Asia-Pacific Grid-Scale Electricity Storage Technology Consumption Value by Type

(2018-2029)

8.2 Asia-Pacific Grid-Scale Electricity Storage Technology Consumption Value by Application (2018-2029)

8.3 Asia-Pacific Grid-Scale Electricity Storage Technology Market Size by Region

8.3.1 Asia-Pacific Grid-Scale Electricity Storage Technology Consumption Value by Region (2018-2029)

8.3.2 China Grid-Scale Electricity Storage Technology Market Size and Forecast (2018-2029)

8.3.3 Japan Grid-Scale Electricity Storage Technology Market Size and Forecast (2018-2029)

8.3.4 South Korea Grid-Scale Electricity Storage Technology Market Size and Forecast (2018-2029)

8.3.5 India Grid-Scale Electricity Storage Technology Market Size and Forecast (2018-2029)

8.3.6 Southeast Asia Grid-Scale Electricity Storage Technology Market Size and Forecast (2018-2029)

8.3.7 Australia Grid-Scale Electricity Storage Technology Market Size and Forecast (2018-2029)

## **9 SOUTH AMERICA**

9.1 South America Grid-Scale Electricity Storage Technology Consumption Value by Type (2018-2029)

9.2 South America Grid-Scale Electricity Storage Technology Consumption Value by Application (2018-2029)

9.3 South America Grid-Scale Electricity Storage Technology Market Size by Country

9.3.1 South America Grid-Scale Electricity Storage Technology Consumption Value by Country (2018-2029)

9.3.2 Brazil Grid-Scale Electricity Storage Technology Market Size and Forecast (2018-2029)

9.3.3 Argentina Grid-Scale Electricity Storage Technology Market Size and Forecast (2018-2029)

## **10 MIDDLE EAST & AFRICA**

10.1 Middle East & Africa Grid-Scale Electricity Storage Technology Consumption Value by Type (2018-2029)

10.2 Middle East & Africa Grid-Scale Electricity Storage Technology Consumption Value by Application (2018-2029)

### 10.3 Middle East & Africa Grid-Scale Electricity Storage Technology Market Size by Country

10.3.1 Middle East & Africa Grid-Scale Electricity Storage Technology Consumption Value by Country (2018-2029)

10.3.2 Turkey Grid-Scale Electricity Storage Technology Market Size and Forecast (2018-2029)

10.3.3 Saudi Arabia Grid-Scale Electricity Storage Technology Market Size and Forecast (2018-2029)

10.3.4 UAE Grid-Scale Electricity Storage Technology Market Size and Forecast (2018-2029)

## 11 MARKET DYNAMICS

11.1 Grid-Scale Electricity Storage Technology Market Drivers

11.2 Grid-Scale Electricity Storage Technology Market Restraints

11.3 Grid-Scale Electricity Storage Technology Trends Analysis

11.4 Porters Five Forces Analysis

11.4.1 Threat of New Entrants

11.4.2 Bargaining Power of Suppliers

11.4.3 Bargaining Power of Buyers

11.4.4 Threat of Substitutes

11.4.5 Competitive Rivalry

11.5 Influence of COVID-19 and Russia-Ukraine War

11.5.1 Influence of COVID-19

11.5.2 Influence of Russia-Ukraine War

## 12 INDUSTRY CHAIN ANALYSIS

12.1 Grid-Scale Electricity Storage Technology Industry Chain

12.2 Grid-Scale Electricity Storage Technology Upstream Analysis

12.3 Grid-Scale Electricity Storage Technology Midstream Analysis

12.4 Grid-Scale Electricity Storage Technology Downstream Analysis

## 13 RESEARCH FINDINGS AND CONCLUSION

## 14 APPENDIX

14.1 Methodology

14.2 Research Process and Data Source

## 14.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Grid-Scale Electricity Storage Technology Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Grid-Scale Electricity Storage Technology Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Global Grid-Scale Electricity Storage Technology Consumption Value by Region (2018-2023) & (USD Million)

Table 4. Global Grid-Scale Electricity Storage Technology Consumption Value by Region (2024-2029) & (USD Million)

Table 5. ABB Company Information, Head Office, and Major Competitors

Table 6. ABB Major Business

Table 7. ABB Grid-Scale Electricity Storage Technology Product and Solutions

Table 8. ABB Grid-Scale Electricity Storage Technology Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 9. ABB Recent Developments and Future Plans

Table 10. GE Company Information, Head Office, and Major Competitors

Table 11. GE Major Business

Table 12. GE Grid-Scale Electricity Storage Technology Product and Solutions

Table 13. GE Grid-Scale Electricity Storage Technology Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 14. GE Recent Developments and Future Plans

Table 15. Panasonic Company Information, Head Office, and Major Competitors

Table 16. Panasonic Major Business

Table 17. Panasonic Grid-Scale Electricity Storage Technology Product and Solutions

Table 18. Panasonic Grid-Scale Electricity Storage Technology Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 19. Panasonic Recent Developments and Future Plans

Table 20. CATL Company Information, Head Office, and Major Competitors

Table 21. CATL Major Business

Table 22. CATL Grid-Scale Electricity Storage Technology Product and Solutions

Table 23. CATL Grid-Scale Electricity Storage Technology Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 24. CATL Recent Developments and Future Plans

Table 25. Toshiba International Company Information, Head Office, and Major Competitors

Table 26. Toshiba International Major Business

Table 27. Toshiba International Grid-Scale Electricity Storage Technology Product and Solutions

Table 28. Toshiba International Grid-Scale Electricity Storage Technology Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 29. Toshiba International Recent Developments and Future Plans

Table 30. Johnson Controls Company Information, Head Office, and Major Competitors

Table 31. Johnson Controls Major Business

Table 32. Johnson Controls Grid-Scale Electricity Storage Technology Product and Solutions

Table 33. Johnson Controls Grid-Scale Electricity Storage Technology Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 34. Johnson Controls Recent Developments and Future Plans

Table 35. LG Chem Company Information, Head Office, and Major Competitors

Table 36. LG Chem Major Business

Table 37. LG Chem Grid-Scale Electricity Storage Technology Product and Solutions

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

Table 39. LG Chem Recent Developments and Future Plans

Table 40. Samsung SDI Company Information, Head Office, and Major Competitors

Table 41. Samsung SDI Major Business

Table 42. Samsung SDI Grid-Scale Electricity Storage Technology Product and Solutions

Table 43. Samsung SDI Grid-Scale Electricity Storage Technology Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 44. Samsung SDI Recent Developments and Future Plans

Table 45. Aquion Energy Company Information, Head Office, and Major Competitors

Table 46. Aquion Energy Major Business

Table 47. Aquion Energy Grid-Scale Electricity Storage Technology Product and Solutions

Table 48. Aquion Energy Grid-Scale Electricity Storage Technology Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 49. Aquion Energy Recent Developments and Future Plans

Table 50. AES Corporation Company Information, Head Office, and Major Competitors

Table 51. AES Corporation Major Business

Table 52. AES Corporation Grid-Scale Electricity Storage Technology Product and Solutions

Table 53. AES Corporation Grid-Scale Electricity Storage Technology Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 54. AES Corporation Recent Developments and Future Plans



Table 55. Moss Landing Energy Storage Facility Company Information, Head Office, and Major Competitors

Table 56. Moss Landing Energy Storage Facility Major Business

Table 57. Moss Landing Energy Storage Facility Grid-Scale Electricity Storage Technology Product and Solutions

Table 58. Moss Landing Energy Storage Facility Grid-Scale Electricity Storage Technology Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 59. Moss Landing Energy Storage Facility Recent Developments and Future Plans

Table 60. DP World London Gateway Company Information, Head Office, and Major Competitors

Table 61. DP World London Gateway Major Business

Table 62. DP World London Gateway Grid-Scale Electricity Storage Technology Product and Solutions

Table 63. DP World London Gateway Grid-Scale Electricity Storage Technology Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 64. DP World London Gateway Recent Developments and Future Plans

Table 65. Victorian Big Battery Company Information, Head Office, and Major Competitors

Table 66. Victorian Big Battery Major Business

Table 67. Victorian Big Battery Grid-Scale Electricity Storage Technology Product and Solutions

Table 68. Victorian Big Battery Grid-Scale Electricity Storage Technology Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 69. Victorian Big Battery Recent Developments and Future Plans

Table 70. Gateway Battery Energy Storage System Company Information, Head Office, and Major Competitors

Table 71. Gateway Battery Energy Storage System Major Business

Table 72. Gateway Battery Energy Storage System Grid-Scale Electricity Storage Technology Product and Solutions

Table 73. Gateway Battery Energy Storage System Grid-Scale Electricity Storage Technology Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 74. Gateway Battery Energy Storage System Recent Developments and Future Plans

Table 75. Contemporary Amperex Technology Ltd Company Information, Head Office, and Major Competitors

Table 76. Contemporary Amperex Technology Ltd Major Business

Table 77. Contemporary Amperex Technology Ltd Grid-Scale Electricity Storage Technology Product and Solutions

Table 78. Contemporary Amperex Technology Ltd Grid-Scale Electricity Storage Technology Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 79. Contemporary Amperex Technology Ltd Recent Developments and Future Plans

Table 80. FlexGen Company Information, Head Office, and Major Competitors

Table 81. FlexGen Major Business

Table 82. FlexGen Grid-Scale Electricity Storage Technology Product and Solutions

Table 83. FlexGen Grid-Scale Electricity Storage Technology Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 84. FlexGen Recent Developments and Future Plans

Table 85. Global Grid-Scale Electricity Storage Technology Revenue (USD Million) by Players (2018-2023)

Table 86. Global Grid-Scale Electricity Storage Technology Revenue Share by Players (2018-2023)

Table 87. Breakdown of Grid-Scale Electricity Storage Technology by Company Type (Tier 1, Tier 2, and Tier 3)

Table 88. Market Position of Players in Grid-Scale Electricity Storage Technology, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2022

Table 89. Head Office of Key Grid-Scale Electricity Storage Technology Players

Table 90. Grid-Scale Electricity Storage Technology Market: Company Product Type Footprint

Table 91. Grid-Scale Electricity Storage Technology Market: Company Product Application Footprint

Table 92. Grid-Scale Electricity Storage Technology New Market Entrants and Barriers to Market Entry

Table 93. Grid-Scale Electricity Storage Technology Mergers, Acquisition, Agreements, and Collaborations

Table 94. Global Grid-Scale Electricity Storage Technology Consumption Value (USD Million) by Type (2018-2023)

Table 95. Global Grid-Scale Electricity Storage Technology Consumption Value Share by Type (2018-2023)

Table 96. Global Grid-Scale Electricity Storage Technology Consumption Value Forecast by Type (2024-2029)

Table 97. Global Grid-Scale Electricity Storage Technology Consumption Value by Application (2018-2023)

Table 98. Global Grid-Scale Electricity Storage Technology Consumption Value Forecast by Application (2024-2029)

Table 99. North America Grid-Scale Electricity Storage Technology Consumption Value by Type (2018-2023) & (USD Million)

Table 100. North America Grid-Scale Electricity Storage Technology Consumption Value by Type (2024-2029) & (USD Million)

Table 101. North America Grid-Scale Electricity Storage Technology Consumption Value by Application (2018-2023) & (USD Million)

Table 102. North America Grid-Scale Electricity Storage Technology Consumption Value by Application (2024-2029) & (USD Million)

Table 103. North America Grid-Scale Electricity Storage Technology Consumption Value by Country (2018-2023) & (USD Million)

Table 104. North America Grid-Scale Electricity Storage Technology Consumption Value by Country (2024-2029) & (USD Million)

Table 105. Europe Grid-Scale Electricity Storage Technology Consumption Value by Type (2018-2023) & (USD Million)

Table 106. Europe Grid-Scale Electricity Storage Technology Consumption Value by Type (2024-2029) & (USD Million)

Table 107. Europe Grid-Scale Electricity Storage Technology Consumption Value by Application (2018-2023) & (USD Million)

Table 108. Europe Grid-Scale Electricity Storage Technology Consumption Value by Application (2024-2029) & (USD Million)

Table 109. Europe Grid-Scale Electricity Storage Technology Consumption Value by Country (2018-2023) & (USD Million)

Table 110. Europe Grid-Scale Electricity Storage Technology Consumption Value by Country (2024-2029) & (USD Million)

Table 111. Asia-Pacific Grid-Scale Electricity Storage Technology Consumption Value by Type (2018-2023) & (USD Million)

Table 112. Asia-Pacific Grid-Scale Electricity Storage Technology Consumption Value by Type (2024-2029) & (USD Million)

Table 113. Asia-Pacific Grid-Scale Electricity Storage Technology Consumption Value by Application (2018-2023) & (USD Million)

Table 114. Asia-Pacific Grid-Scale Electricity Storage Technology Consumption Value by Application (2024-2029) & (USD Million)

Table 115. Asia-Pacific Grid-Scale Electricity Storage Technology Consumption Value by Region (2018-2023) & (USD Million)

Table 116. Asia-Pacific Grid-Scale Electricity Storage Technology Consumption Value by Region (2024-2029) & (USD Million)

Table 117. South America Grid-Scale Electricity Storage Technology Consumption Value by Type (2018-2023) & (USD Million)

Table 118. South America Grid-Scale Electricity Storage Technology Consumption Value by Type (2024-2029) & (USD Million)

Table 119. South America Grid-Scale Electricity Storage Technology Consumption

Value by Application (2018-2023) & (USD Million)

Table 120. South America Grid-Scale Electricity Storage Technology Consumption

Value by Application (2024-2029) & (USD Million)

Table 121. South America Grid-Scale Electricity Storage Technology Consumption

Value by Country (2018-2023) & (USD Million)

Table 122. South America Grid-Scale Electricity Storage Technology Consumption

Value by Country (2024-2029) & (USD Million)

Table 123. Middle East & Africa Grid-Scale Electricity Storage Technology Consumption

Value by Type (2018-2023) & (USD Million)

Table 124. Middle East & Africa Grid-Scale Electricity Storage Technology Consumption

Value by Type (2024-2029) & (USD Million)

Table 125. Middle East & Africa Grid-Scale Electricity Storage Technology Consumption

Value by Application (2018-2023) & (USD Million)

Table 126. Middle East & Africa Grid-Scale Electricity Storage Technology Consumption

Value by Application (2024-2029) & (USD Million)

Table 127. Middle East & Africa Grid-Scale Electricity Storage Technology Consumption

Value by Country (2018-2023) & (USD Million)

Table 128. Middle East & Africa Grid-Scale Electricity Storage Technology Consumption

Value by Country (2024-2029) & (USD Million)

Table 129. Grid-Scale Electricity Storage Technology Raw Material

Table 130. Key Suppliers of Grid-Scale Electricity Storage Technology Raw Materials

## List Of Figures

### LIST OF FIGURES

- Figure 1. Grid-Scale Electricity Storage Technology Picture
- Figure 2. Global Grid-Scale Electricity Storage Technology Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 3. Global Grid-Scale Electricity Storage Technology Consumption Value Market Share by Type in 2022
- Figure 4. Mechanical Energy Storage
- Figure 5. Electrochemical Energy Storage
- Figure 6. Global Grid-Scale Electricity Storage Technology Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 7. Grid-Scale Electricity Storage Technology Consumption Value Market Share by Application in 2022
- Figure 8. City Power Supply Picture
- Figure 9. Industrial Power Supply Picture
- Figure 10. Others Picture
- Figure 11. Global Grid-Scale Electricity Storage Technology Consumption Value, (USD Million): 2018 & 2022 & 2029
- Figure 12. Global Grid-Scale Electricity Storage Technology Consumption Value and Forecast (2018-2029) & (USD Million)
- Figure 13. Global Market Grid-Scale Electricity Storage Technology Consumption Value (USD Million) Comparison by Region (2018 & 2022 & 2029)
- Figure 14. Global Grid-Scale Electricity Storage Technology Consumption Value Market Share by Region (2018-2029)
- Figure 15. Global Grid-Scale Electricity Storage Technology Consumption Value Market Share by Region in 2022
- Figure 16. North America Grid-Scale Electricity Storage Technology Consumption Value (2018-2029) & (USD Million)
- Figure 17. Europe Grid-Scale Electricity Storage Technology Consumption Value (2018-2029) & (USD Million)
- Figure 18. Asia-Pacific Grid-Scale Electricity Storage Technology Consumption Value (2018-2029) & (USD Million)
- Figure 19. South America Grid-Scale Electricity Storage Technology Consumption Value (2018-2029) & (USD Million)
- Figure 20. Middle East and Africa Grid-Scale Electricity Storage Technology Consumption Value (2018-2029) & (USD Million)
- Figure 21. Global Grid-Scale Electricity Storage Technology Revenue Share by Players

in 2022

Figure 22. Grid-Scale Electricity Storage Technology Market Share by Company Type (Tier 1, Tier 2 and Tier 3) in 2022

Figure 23. Global Top 3 Players Grid-Scale Electricity Storage Technology Market Share in 2022

Figure 24. Global Top 6 Players Grid-Scale Electricity Storage Technology Market Share in 2022

Figure 25. Global Grid-Scale Electricity Storage Technology Consumption Value Share by Type (2018-2023)

Figure 26. Global Grid-Scale Electricity Storage Technology Market Share Forecast by Type (2024-2029)

Figure 27. Global Grid-Scale Electricity Storage Technology Consumption Value Share by Application (2018-2023)

Figure 28. Global Grid-Scale Electricity Storage Technology Market Share Forecast by Application (2024-2029)

Figure 29. North America Grid-Scale Electricity Storage Technology Consumption Value Market Share by Type (2018-2029)

Figure 30. North America Grid-Scale Electricity Storage Technology Consumption Value Market Share by Application (2018-2029)

Figure 31. North America Grid-Scale Electricity Storage Technology Consumption Value Market Share by Country (2018-2029)

Figure 32. United States Grid-Scale Electricity Storage Technology Consumption Value (2018-2029) & (USD Million)

Figure 33. Canada Grid-Scale Electricity Storage Technology Consumption Value (2018-2029) & (USD Million)

Figure 34. Mexico Grid-Scale Electricity Storage Technology Consumption Value (2018-2029) & (USD Million)

Figure 35. Europe Grid-Scale Electricity Storage Technology Consumption Value Market Share by Type (2018-2029)

Figure 36. Europe Grid-Scale Electricity Storage Technology Consumption Value Market Share by Application (2018-2029)

Figure 37. Europe Grid-Scale Electricity Storage Technology Consumption Value Market Share by Country (2018-2029)

Figure 38. Germany Grid-Scale Electricity Storage Technology Consumption Value (2018-2029) & (USD Million)

Figure 39. France Grid-Scale Electricity Storage Technology Consumption Value (2018-2029) & (USD Million)

Figure 40. United Kingdom Grid-Scale Electricity Storage Technology Consumption Value (2018-2029) & (USD Million)

Figure 41. Russia Grid-Scale Electricity Storage Technology Consumption Value (2018-2029) & (USD Million)

Figure 42. Italy Grid-Scale Electricity Storage Technology Consumption Value (2018-2029) & (USD Million)

Figure 43. Asia-Pacific Grid-Scale Electricity Storage Technology Consumption Value Market Share by Type (2018-2029)

Figure 44. Asia-Pacific Grid-Scale Electricity Storage Technology Consumption Value Market Share by Application (2018-2029)

Figure 45. Asia-Pacific Grid-Scale Electricity Storage Technology Consumption Value Market Share by Region (2018-2029)

Figure 46. China Grid-Scale Electricity Storage Technology Consumption Value (2018-2029) & (USD Million)

Figure 47. Japan Grid-Scale Electricity Storage Technology Consumption Value (2018-2029) & (USD Million)

Figure 48. South Korea Grid-Scale Electricity Storage Technology Consumption Value (2018-2029) & (USD Million)

Figure 49. India Grid-Scale Electricity Storage Technology Consumption Value (2018-2029) & (USD Million)

Figure 50. Southeast Asia Grid-Scale Electricity Storage Technology Consumption Value (2018-2029) & (USD Million)

Figure 51. Australia Grid-Scale Electricity Storage Technology Consumption Value (2018-2029) & (USD Million)

Figure 52. South America Grid-Scale Electricity Storage Technology Consumption Value Market Share by Type (2018-2029)

Figure 53. South America Grid-Scale Electricity Storage Technology Consumption Value Market Share by Application (2018-2029)

Figure 54. South America Grid-Scale Electricity Storage Technology Consumption Value Market Share by Country (2018-2029)

Figure 55. Brazil Grid-Scale Electricity Storage Technology Consumption Value (2018-2029) & (USD Million)

Figure 56. Argentina Grid-Scale Electricity Storage Technology Consumption Value (2018-2029) & (USD Million)

Figure 57. Middle East and Africa Grid-Scale Electricity Storage Technology Consumption Value Market Share by Type (2018-2029)

Figure 58. Middle East and Africa Grid-Scale Electricity Storage Technology Consumption Value Market Share by Application (2018-2029)

Figure 59. Middle East and Africa Grid-Scale Electricity Storage Technology Consumption Value Market Share by Country (2018-2029)

Figure 60. Turkey Grid-Scale Electricity Storage Technology Consumption Value

(2018-2029) & (USD Million)

Figure 61. Saudi Arabia Grid-Scale Electricity Storage Technology Consumption Value (2018-2029) & (USD Million)

Figure 62. UAE Grid-Scale Electricity Storage Technology Consumption Value (2018-2029) & (USD Million)

Figure 63. Grid-Scale Electricity Storage Technology Market Drivers

Figure 64. Grid-Scale Electricity Storage Technology Market Restraints

Figure 65. Grid-Scale Electricity Storage Technology Market Trends

Figure 66. Porters Five Forces Analysis

Figure 67. Manufacturing Cost Structure Analysis of Grid-Scale Electricity Storage Technology in 2022

Figure 68. Manufacturing Process Analysis of Grid-Scale Electricity Storage Technology

Figure 69. Grid-Scale Electricity Storage Technology Industrial Chain

Figure 70. Methodology

Figure 71. Research Process and Data Source



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