

# Global Lithium Batteries for Energy Storage Market Research Report 2023

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## Abstracts

Rechargeable batteries that use lithium as one of their core components, often used to store electrical energy for various applications, such as renewable energy storage systems.

According to QYResearch's new survey, global Lithium Batteries for Energy Storage market is projected to reach US\$ million in 2029, increasing from US\$ million in 2022, with the CAGR of % during the period of 2023 to 2029. Influencing issues, such as economy environments, COVID-19 and Russia-Ukraine War, have led to great market fluctuations in the past few years and are considered comprehensively in the whole Lithium Batteries for Energy Storage market research.

China's policy on lithium-ion batteries mainly focuses on lithium-ion batteries. In 2015, in order to strengthen the management of lithium-ion battery industry and improve the development level of the industry, China formulated the Standard of Lithium-ion Battery Industry. the global sales of new energy vehicles reached 10.8 million units in 2022, with a year-on-year increase of 61.6%. In 2022, China new energy vehicle sales reached 6.8 million units, and the global share increased to 63.6%. In Q4 2022, sales penetration rate of China's new energy vehicle reached 27%, while the global average penetration rate was only 15%. Europe penetration was 19%, and North America penetration rate was only 6%. Lithium batteries will fully benefit from the high growth of downstream demand. According to the Ministry of Industry and Information Technology, China's lithium-ion battery production reached 750 GWh in 2022, up more than 130 percent year on year. Among them, the output of lithium energy storage battery exceeded 100 GWh, and the total output value of the industry exceeded 1.2 trillion yuan. The industrial application of lithium battery was also growing rapidly. In 2022, the loading capacity of new energy vehicle power battery was about 295 GWh, and the new

energy vehicle power battery was about 295 GWh. According to our research, in 2022, the overall global lithium-ion battery shipments were 957GWh, a year-on-year increase of 70%. Global vehicle power battery (EV LIB) shipments were 684GWh, a year-on-year increase of 84%; Energy storage battery (ESS LIB) shipments were 159.3GWh, a year-on-year increase of 140%.

## Report Scope

This report, based on historical analysis (2018-2022) and forecast calculation (2023-2029), aims to help readers to get a comprehensive understanding of global Lithium Batteries for Energy Storage market with multiple angles, which provides sufficient supports to readers' strategy and decision making.

## By Company

LG Chem

EnerSys

GS Yuasa Corporate

Samsung SDI

Hoppecke

Toshiba

Kokam

Schneider-Electric

EATON

Emerson

S&C

ABB

Socomec

Activepower

Gamatronic

Kehua

KSTAR

EAST

### Segment by Type

Li-Ni Batteries

Li-Ni-Co Batteries

Li-Mn Batteries

Others

### Segment by Application

Utilities

Communications

Others

### Production by Region

North America

Europe

China

Japan

## Consumption by Region

North America

United States

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

China Taiwan

Southeast Asia

India

## Latin America, Middle East & Africa

Mexico

Brazil

Turkey

GCC Countries

The Lithium Batteries for Energy Storage report covers below items:

Chapter 1: Product Basic Information (Definition, type and application)

Chapter 2: Manufacturers' Competition Patterns

Chapter 3: Production Region Distribution and Analysis

Chapter 4: Country Level Sales Analysis

Chapter 5: Product Type Analysis

Chapter 6: Product Application Analysis

Chapter 7: Manufacturers' Outline

Chapter 8: Industry Chain, Market Channel and Customer Analysis

Chapter 9: Market Opportunities and Challenges

Chapter 10: Market Conclusions

Chapter 11: Research Methodology and Data Source

## Contents

### **1 LITHIUM BATTERIES FOR ENERGY STORAGE MARKET OVERVIEW**

1.1 Product Definition

1.2 Lithium Batteries for Energy Storage Segment by Type

1.2.1 Global Lithium Batteries for Energy Storage Market Value Growth Rate Analysis by Type 2022 VS 2029

1.2.2 Li-Ni Batteries

1.2.3 Li-Ni-Co Batteries

1.2.4 Li-Mn Batteries

1.2.5 Others

1.3 Lithium Batteries for Energy Storage Segment by Application

1.3.1 Global Lithium Batteries for Energy Storage Market Value Growth Rate Analysis by Application: 2022 VS 2029

1.3.2 Utilities

1.3.3 Communications

1.3.4 Others

1.4 Global Market Growth Prospects

1.4.1 Global Lithium Batteries for Energy Storage Production Value Estimates and Forecasts (2018-2029)

1.4.2 Global Lithium Batteries for Energy Storage Production Capacity Estimates and Forecasts (2018-2029)

1.4.3 Global Lithium Batteries for Energy Storage Production Estimates and Forecasts (2018-2029)

1.4.4 Global Lithium Batteries for Energy Storage Market Average Price Estimates and Forecasts (2018-2029)

1.5 Assumptions and Limitations

### **2 MARKET COMPETITION BY MANUFACTURERS**

2.1 Global Lithium Batteries for Energy Storage Production Market Share by Manufacturers (2018-2023)

2.2 Global Lithium Batteries for Energy Storage Production Value Market Share by Manufacturers (2018-2023)

2.3 Global Key Players of Lithium Batteries for Energy Storage, Industry Ranking, 2021 VS 2022 VS 2023

2.4 Global Lithium Batteries for Energy Storage Market Share by Company Type (Tier 1, Tier 2 and Tier 3)

2.5 Global Lithium Batteries for Energy Storage Average Price by Manufacturers (2018-2023)

2.6 Global Key Manufacturers of Lithium Batteries for Energy Storage, Manufacturing Base Distribution and Headquarters

2.7 Global Key Manufacturers of Lithium Batteries for Energy Storage, Product Offered and Application

2.8 Global Key Manufacturers of Lithium Batteries for Energy Storage, Date of Enter into This Industry

2.9 Lithium Batteries for Energy Storage Market Competitive Situation and Trends

2.9.1 Lithium Batteries for Energy Storage Market Concentration Rate

2.9.2 Global 5 and 10 Largest Lithium Batteries for Energy Storage Players Market Share by Revenue

2.10 Mergers & Acquisitions, Expansion

### **3 LITHIUM BATTERIES FOR ENERGY STORAGE PRODUCTION BY REGION**

3.1 Global Lithium Batteries for Energy Storage Production Value Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

3.2 Global Lithium Batteries for Energy Storage Production Value by Region (2018-2029)

3.2.1 Global Lithium Batteries for Energy Storage Production Value Market Share by Region (2018-2023)

3.2.2 Global Forecasted Production Value of Lithium Batteries for Energy Storage by Region (2024-2029)

3.3 Global Lithium Batteries for Energy Storage Production Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

3.4 Global Lithium Batteries for Energy Storage Production by Region (2018-2029)

3.4.1 Global Lithium Batteries for Energy Storage Production Market Share by Region (2018-2023)

3.4.2 Global Forecasted Production of Lithium Batteries for Energy Storage by Region (2024-2029)

3.5 Global Lithium Batteries for Energy Storage Market Price Analysis by Region (2018-2023)

3.6 Global Lithium Batteries for Energy Storage Production and Value, Year-over-Year Growth

3.6.1 North America Lithium Batteries for Energy Storage Production Value Estimates and Forecasts (2018-2029)

3.6.2 Europe Lithium Batteries for Energy Storage Production Value Estimates and Forecasts (2018-2029)

3.6.3 China Lithium Batteries for Energy Storage Production Value Estimates and Forecasts (2018-2029)

3.6.4 Japan Lithium Batteries for Energy Storage Production Value Estimates and Forecasts (2018-2029)

## **4 LITHIUM BATTERIES FOR ENERGY STORAGE CONSUMPTION BY REGION**

4.1 Global Lithium Batteries for Energy Storage Consumption Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

4.2 Global Lithium Batteries for Energy Storage Consumption by Region (2018-2029)

4.2.1 Global Lithium Batteries for Energy Storage Consumption by Region (2018-2023)

4.2.2 Global Lithium Batteries for Energy Storage Forecasted Consumption by Region (2024-2029)

4.3 North America

4.3.1 North America Lithium Batteries for Energy Storage Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

4.3.2 North America Lithium Batteries for Energy Storage Consumption by Country (2018-2029)

4.3.3 United States

4.3.4 Canada

4.4 Europe

4.4.1 Europe Lithium Batteries for Energy Storage Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

4.4.2 Europe Lithium Batteries for Energy Storage Consumption by Country (2018-2029)

4.4.3 Germany

4.4.4 France

4.4.5 U.K.

4.4.6 Italy

4.4.7 Russia

4.5 Asia Pacific

4.5.1 Asia Pacific Lithium Batteries for Energy Storage Consumption Growth Rate by Region: 2018 VS 2022 VS 2029

4.5.2 Asia Pacific Lithium Batteries for Energy Storage Consumption by Region (2018-2029)

4.5.3 China

4.5.4 Japan

4.5.5 South Korea



4.5.6 China Taiwan

4.5.7 Southeast Asia

4.5.8 India

4.6 Latin America, Middle East & Africa

4.6.1 Latin America, Middle East & Africa Lithium Batteries for Energy Storage Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

4.6.2 Latin America, Middle East & Africa Lithium Batteries for Energy Storage Consumption by Country (2018-2029)

4.6.3 Mexico

4.6.4 Brazil

4.6.5 Turkey

## **5 SEGMENT BY TYPE**

5.1 Global Lithium Batteries for Energy Storage Production by Type (2018-2029)

5.1.1 Global Lithium Batteries for Energy Storage Production by Type (2018-2023)

5.1.2 Global Lithium Batteries for Energy Storage Production by Type (2024-2029)

5.1.3 Global Lithium Batteries for Energy Storage Production Market Share by Type (2018-2029)

5.2 Global Lithium Batteries for Energy Storage Production Value by Type (2018-2029)

5.2.1 Global Lithium Batteries for Energy Storage Production Value by Type (2018-2023)

5.2.2 Global Lithium Batteries for Energy Storage Production Value by Type (2024-2029)

5.2.3 Global Lithium Batteries for Energy Storage Production Value Market Share by Type (2018-2029)

5.3 Global Lithium Batteries for Energy Storage Price by Type (2018-2029)

## **6 SEGMENT BY APPLICATION**

6.1 Global Lithium Batteries for Energy Storage Production by Application (2018-2029)

6.1.1 Global Lithium Batteries for Energy Storage Production by Application (2018-2023)

6.1.2 Global Lithium Batteries for Energy Storage Production by Application (2024-2029)

6.1.3 Global Lithium Batteries for Energy Storage Production Market Share by Application (2018-2029)

6.2 Global Lithium Batteries for Energy Storage Production Value by Application (2018-2029)

6.2.1 Global Lithium Batteries for Energy Storage Production Value by Application (2018-2023)

6.2.2 Global Lithium Batteries for Energy Storage Production Value by Application (2024-2029)

6.2.3 Global Lithium Batteries for Energy Storage Production Value Market Share by Application (2018-2029)

6.3 Global Lithium Batteries for Energy Storage Price by Application (2018-2029)

## **7 KEY COMPANIES PROFILED**

### **7.1 LG Chem**

7.1.1 LG Chem Lithium Batteries for Energy Storage Corporation Information

7.1.2 LG Chem Lithium Batteries for Energy Storage Product Portfolio

7.1.3 LG Chem Lithium Batteries for Energy Storage Production, Value, Price and Gross Margin (2018-2023)

7.1.4 LG Chem Main Business and Markets Served

7.1.5 LG Chem Recent Developments/Updates

### **7.2 EnerSys**

7.2.1 EnerSys Lithium Batteries for Energy Storage Corporation Information

7.2.2 EnerSys Lithium Batteries for Energy Storage Product Portfolio

7.2.3 EnerSys Lithium Batteries for Energy Storage Production, Value, Price and Gross Margin (2018-2023)

7.2.4 EnerSys Main Business and Markets Served

7.2.5 EnerSys Recent Developments/Updates

### **7.3 GS Yuasa Corporate**

7.3.1 GS Yuasa Corporate Lithium Batteries for Energy Storage Corporation Information

7.3.2 GS Yuasa Corporate Lithium Batteries for Energy Storage Product Portfolio

7.3.3 GS Yuasa Corporate Lithium Batteries for Energy Storage Production, Value, Price and Gross Margin (2018-2023)

7.3.4 GS Yuasa Corporate Main Business and Markets Served

7.3.5 GS Yuasa Corporate Recent Developments/Updates

### **7.4 Samsung SDI**

7.4.1 Samsung SDI Lithium Batteries for Energy Storage Corporation Information

7.4.2 Samsung SDI Lithium Batteries for Energy Storage Product Portfolio

7.4.3 Samsung SDI Lithium Batteries for Energy Storage Production, Value, Price and Gross Margin (2018-2023)

7.4.4 Samsung SDI Main Business and Markets Served

7.4.5 Samsung SDI Recent Developments/Updates

## 7.5 Hoppecke

7.5.1 Hoppecke Lithium Batteries for Energy Storage Corporation Information

7.5.2 Hoppecke Lithium Batteries for Energy Storage Product Portfolio

7.5.3 Hoppecke Lithium Batteries for Energy Storage Production, Value, Price and Gross Margin (2018-2023)

7.5.4 Hoppecke Main Business and Markets Served

7.5.5 Hoppecke Recent Developments/Updates

## 7.6 Toshiba

7.6.1 Toshiba Lithium Batteries for Energy Storage Corporation Information

7.6.2 Toshiba Lithium Batteries for Energy Storage Product Portfolio

7.6.3 Toshiba Lithium Batteries for Energy Storage Production, Value, Price and Gross Margin (2018-2023)

7.6.4 Toshiba Main Business and Markets Served

7.6.5 Toshiba Recent Developments/Updates

## 7.7 Kokam

7.7.1 Kokam Lithium Batteries for Energy Storage Corporation Information

7.7.2 Kokam Lithium Batteries for Energy Storage Product Portfolio

7.7.3 Kokam Lithium Batteries for Energy Storage Production, Value, Price and Gross Margin (2018-2023)

7.7.4 Kokam Main Business and Markets Served

7.7.5 Kokam Recent Developments/Updates

## 7.8 Schneider-Electric

7.8.1 Schneider-Electric Lithium Batteries for Energy Storage Corporation Information

7.8.2 Schneider-Electric Lithium Batteries for Energy Storage Product Portfolio

7.8.3 Schneider-Electric Lithium Batteries for Energy Storage Production, Value, Price and Gross Margin (2018-2023)

7.8.4 Schneider-Electric Main Business and Markets Served

7.8.5 Schneider-Electric Recent Developments/Updates

## 7.9 EATON

7.9.1 EATON Lithium Batteries for Energy Storage Corporation Information

7.9.2 EATON Lithium Batteries for Energy Storage Product Portfolio

7.9.3 EATON Lithium Batteries for Energy Storage Production, Value, Price and Gross Margin (2018-2023)

7.9.4 EATON Main Business and Markets Served

7.9.5 EATON Recent Developments/Updates

## 7.10 Emerson

7.10.1 Emerson Lithium Batteries for Energy Storage Corporation Information

7.10.2 Emerson Lithium Batteries for Energy Storage Product Portfolio

7.10.3 Emerson Lithium Batteries for Energy Storage Production, Value, Price and

## Gross Margin (2018-2023)

7.10.4 Emerson Main Business and Markets Served

7.10.5 Emerson Recent Developments/Updates

## 7.11 S&C

7.11.1 S&C Lithium Batteries for Energy Storage Corporation Information

7.11.2 S&C Lithium Batteries for Energy Storage Product Portfolio

7.11.3 S&C Lithium Batteries for Energy Storage Production, Value, Price and Gross Margin (2018-2023)

7.11.4 S&C Main Business and Markets Served

7.11.5 S&C Recent Developments/Updates

## 7.12 ABB

7.12.1 ABB Lithium Batteries for Energy Storage Corporation Information

7.12.2 ABB Lithium Batteries for Energy Storage Product Portfolio

7.12.3 ABB Lithium Batteries for Energy Storage Production, Value, Price and Gross Margin (2018-2023)

7.12.4 ABB Main Business and Markets Served

7.12.5 ABB Recent Developments/Updates

## 7.13 Socomec

7.13.1 Socomec Lithium Batteries for Energy Storage Corporation Information

7.13.2 Socomec Lithium Batteries for Energy Storage Product Portfolio

7.13.3 Socomec Lithium Batteries for Energy Storage Production, Value, Price and Gross Margin (2018-2023)

7.13.4 Socomec Main Business and Markets Served

7.13.5 Socomec Recent Developments/Updates

## 7.14 Activepower

7.14.1 Activepower Lithium Batteries for Energy Storage Corporation Information

7.14.2 Activepower Lithium Batteries for Energy Storage Product Portfolio

7.14.3 Activepower Lithium Batteries for Energy Storage Production, Value, Price and Gross Margin (2018-2023)

7.14.4 Activepower Main Business and Markets Served

7.14.5 Activepower Recent Developments/Updates

## 7.15 Gamatronic

7.15.1 Gamatronic Lithium Batteries for Energy Storage Corporation Information

7.15.2 Gamatronic Lithium Batteries for Energy Storage Product Portfolio

7.15.3 Gamatronic Lithium Batteries for Energy Storage Production, Value, Price and Gross Margin (2018-2023)

7.15.4 Gamatronic Main Business and Markets Served

7.15.5 Gamatronic Recent Developments/Updates

## 7.16 Kehua

- 7.16.1 Kehua Lithium Batteries for Energy Storage Corporation Information
- 7.16.2 Kehua Lithium Batteries for Energy Storage Product Portfolio
- 7.16.3 Kehua Lithium Batteries for Energy Storage Production, Value, Price and Gross Margin (2018-2023)
- 7.16.4 Kehua Main Business and Markets Served
- 7.16.5 Kehua Recent Developments/Updates
- 7.17 KSTAR
  - 7.17.1 KSTAR Lithium Batteries for Energy Storage Corporation Information
  - 7.17.2 KSTAR Lithium Batteries for Energy Storage Product Portfolio
  - 7.17.3 KSTAR Lithium Batteries for Energy Storage Production, Value, Price and Gross Margin (2018-2023)
  - 7.17.4 KSTAR Main Business and Markets Served
  - 7.17.5 KSTAR Recent Developments/Updates
- 7.18 EAST
  - 7.18.1 EAST Lithium Batteries for Energy Storage Corporation Information
  - 7.18.2 EAST Lithium Batteries for Energy Storage Product Portfolio
  - 7.18.3 EAST Lithium Batteries for Energy Storage Production, Value, Price and Gross Margin (2018-2023)
  - 7.18.4 EAST Main Business and Markets Served
  - 7.18.5 EAST Recent Developments/Updates

## **8 INDUSTRY CHAIN AND SALES CHANNELS ANALYSIS**

- 8.1 Lithium Batteries for Energy Storage Industry Chain Analysis
- 8.2 Lithium Batteries for Energy Storage Key Raw Materials
  - 8.2.1 Key Raw Materials
  - 8.2.2 Raw Materials Key Suppliers
- 8.3 Lithium Batteries for Energy Storage Production Mode & Process
- 8.4 Lithium Batteries for Energy Storage Sales and Marketing
  - 8.4.1 Lithium Batteries for Energy Storage Sales Channels
  - 8.4.2 Lithium Batteries for Energy Storage Distributors
- 8.5 Lithium Batteries for Energy Storage Customers

## **9 LITHIUM BATTERIES FOR ENERGY STORAGE MARKET DYNAMICS**

- 9.1 Lithium Batteries for Energy Storage Industry Trends
- 9.2 Lithium Batteries for Energy Storage Market Drivers
- 9.3 Lithium Batteries for Energy Storage Market Challenges
- 9.4 Lithium Batteries for Energy Storage Market Restraints

## **10 RESEARCH FINDING AND CONCLUSION**

## **11 METHODOLOGY AND DATA SOURCE**

### 11.1 Methodology/Research Approach

#### 11.1.1 Research Programs/Design

#### 11.1.2 Market Size Estimation

#### 11.1.3 Market Breakdown and Data Triangulation

### 11.2 Data Source

#### 11.2.1 Secondary Sources

#### 11.2.2 Primary Sources

### 11.3 Author List

### 11.4 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Lithium Batteries for Energy Storage Market Value by Type, (US\$ Million) & (2022 VS 2029)

Table 2. Global Lithium Batteries for Energy Storage Market Value by Application, (US\$ Million) & (2022 VS 2029)

Table 3. Global Lithium Batteries for Energy Storage Production Capacity (GWh) by Manufacturers in 2022

Table 4. Global Lithium Batteries for Energy Storage Production by Manufacturers (2018-2023) & (GWh)

Table 5. Global Lithium Batteries for Energy Storage Production Market Share by Manufacturers (2018-2023)

Table 6. Global Lithium Batteries for Energy Storage Production Value by Manufacturers (2018-2023) & (US\$ Million)

Table 7. Global Lithium Batteries for Energy Storage Production Value Share by Manufacturers (2018-2023)

Table 8. Global Lithium Batteries for Energy Storage Industry Ranking 2021 VS 2022 VS 2023

Table 9. Company Type (Tier 1, Tier 2 and Tier 3) & (based on the Revenue in Lithium Batteries for Energy Storage as of 2022)

Table 10. Global Market Lithium Batteries for Energy Storage Average Price by Manufacturers (USD/KWh) & (2018-2023)

Table 11. Manufacturers Lithium Batteries for Energy Storage Production Sites and Area Served

Table 12. Manufacturers Lithium Batteries for Energy Storage Product Types

Table 13. Global Lithium Batteries for Energy Storage Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion

Table 15. Global Lithium Batteries for Energy Storage Production Value by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Table 16. Global Lithium Batteries for Energy Storage Production Value (US\$ Million) by Region (2018-2023)

Table 17. Global Lithium Batteries for Energy Storage Production Value Market Share by Region (2018-2023)

Table 18. Global Lithium Batteries for Energy Storage Production Value (US\$ Million) Forecast by Region (2024-2029)

Table 19. Global Lithium Batteries for Energy Storage Production Value Market Share

Forecast by Region (2024-2029)

Table 20. Global Lithium Batteries for Energy Storage Production Comparison by Region: 2018 VS 2022 VS 2029 (GWh)

Table 21. Global Lithium Batteries for Energy Storage Production (GWh) by Region (2018-2023)

Table 22. Global Lithium Batteries for Energy Storage Production Market Share by Region (2018-2023)

Table 23. Global Lithium Batteries for Energy Storage Production (GWh) Forecast by Region (2024-2029)

Table 24. Global Lithium Batteries for Energy Storage Production Market Share Forecast by Region (2024-2029)

Table 25. Global Lithium Batteries for Energy Storage Market Average Price (USD/KWh) by Region (2018-2023)

Table 26. Global Lithium Batteries for Energy Storage Market Average Price (USD/KWh) by Region (2024-2029)

Table 27. Global Lithium Batteries for Energy Storage Consumption Growth Rate by Region: 2018 VS 2022 VS 2029 (GWh)

Table 28. Global Lithium Batteries for Energy Storage Consumption by Region (2018-2023) & (GWh)

Table 29. Global Lithium Batteries for Energy Storage Consumption Market Share by Region (2018-2023)

Table 30. Global Lithium Batteries for Energy Storage Forecasted Consumption by Region (2024-2029) & (GWh)

Table 31. Global Lithium Batteries for Energy Storage Forecasted Consumption Market Share by Region (2018-2023)

Table 32. North America Lithium Batteries for Energy Storage Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (GWh)

Table 33. North America Lithium Batteries for Energy Storage Consumption by Country (2018-2023) & (GWh)

Table 34. North America Lithium Batteries for Energy Storage Consumption by Country (2024-2029) & (GWh)

Table 35. Europe Lithium Batteries for Energy Storage Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (GWh)

Table 36. Europe Lithium Batteries for Energy Storage Consumption by Country (2018-2023) & (GWh)

Table 37. Europe Lithium Batteries for Energy Storage Consumption by Country (2024-2029) & (GWh)

Table 38. Asia Pacific Lithium Batteries for Energy Storage Consumption Growth Rate by Region: 2018 VS 2022 VS 2029 (GWh)



Table 39. Asia Pacific Lithium Batteries for Energy Storage Consumption by Region (2018-2023) & (GWh)

Table 40. Asia Pacific Lithium Batteries for Energy Storage Consumption by Region (2024-2029) & (GWh)

Table 41. Latin America, Middle East & Africa Lithium Batteries for Energy Storage Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (GWh)

Table 42. Latin America, Middle East & Africa Lithium Batteries for Energy Storage Consumption by Country (2018-2023) & (GWh)

Table 43. Latin America, Middle East & Africa Lithium Batteries for Energy Storage Consumption by Country (2024-2029) & (GWh)

Table 44. Global Lithium Batteries for Energy Storage Production (GWh) by Type (2018-2023)

Table 45. Global Lithium Batteries for Energy Storage Production (GWh) by Type (2024-2029)

Table 46. Global Lithium Batteries for Energy Storage Production Market Share by Type (2018-2023)

Table 47. Global Lithium Batteries for Energy Storage Production Market Share by Type (2024-2029)

Table 48. Global Lithium Batteries for Energy Storage Production Value (US\$ Million) by Type (2018-2023)

Table 49. Global Lithium Batteries for Energy Storage Production Value (US\$ Million) by Type (2024-2029)

Table 50. Global Lithium Batteries for Energy Storage Production Value Share by Type (2018-2023)

Table 51. Global Lithium Batteries for Energy Storage Production Value Share by Type (2024-2029)

Table 52. Global Lithium Batteries for Energy Storage Price (USD/KWh) by Type (2018-2023)

Table 53. Global Lithium Batteries for Energy Storage Price (USD/KWh) by Type (2024-2029)

Table 54. Global Lithium Batteries for Energy Storage Production (GWh) by Application (2018-2023)

Table 55. Global Lithium Batteries for Energy Storage Production (GWh) by Application (2024-2029)

Table 56. Global Lithium Batteries for Energy Storage Production Market Share by Application (2018-2023)

Table 57. Global Lithium Batteries for Energy Storage Production Market Share by Application (2024-2029)

Table 58. Global Lithium Batteries for Energy Storage Production Value (US\$ Million) by

Application (2018-2023)

Table 59. Global Lithium Batteries for Energy Storage Production Value (US\$ Million) by Application (2024-2029)

Table 60. Global Lithium Batteries for Energy Storage Production Value Share by Application (2018-2023)

Table 61. Global Lithium Batteries for Energy Storage Production Value Share by Application (2024-2029)

Table 62. Global Lithium Batteries for Energy Storage Price (USD/KWh) by Application (2018-2023)

Table 63. Global Lithium Batteries for Energy Storage Price (USD/KWh) by Application (2024-2029)

Table 64. LG Chem Lithium Batteries for Energy Storage Corporation Information

Table 65. LG Chem Specification and Application

Table 66. LG Chem Lithium Batteries for Energy Storage Production (GWh), Value (US\$ Million), Price (USD/KWh) and Gross Margin (2018-2023)

Table 67. LG Chem Main Business and Markets Served

Table 68. LG Chem Recent Developments/Updates

Table 69. EnerSys Lithium Batteries for Energy Storage Corporation Information

Table 70. EnerSys Specification and Application

Table 71. EnerSys Lithium Batteries for Energy Storage Production (GWh), Value (US\$ Million), Price (USD/KWh) and Gross Margin (2018-2023)

Table 72. EnerSys Main Business and Markets Served

Table 73. EnerSys Recent Developments/Updates

Table 74. GS Yuasa Corporate Lithium Batteries for Energy Storage Corporation Information

Table 75. GS Yuasa Corporate Specification and Application

Table 76. GS Yuasa Corporate Lithium Batteries for Energy Storage Production (GWh), Value (US\$ Million), Price (USD/KWh) and Gross Margin (2018-2023)

Table 77. GS Yuasa Corporate Main Business and Markets Served

Table 78. GS Yuasa Corporate Recent Developments/Updates

Table 79. Samsung SDI Lithium Batteries for Energy Storage Corporation Information

Table 80. Samsung SDI Specification and Application

Table 81. Samsung SDI Lithium Batteries for Energy Storage Production (GWh), Value (US\$ Million), Price (USD/KWh) and Gross Margin (2018-2023)

Table 82. Samsung SDI Main Business and Markets Served

Table 83. Samsung SDI Recent Developments/Updates

Table 84. Hoppecke Lithium Batteries for Energy Storage Corporation Information

Table 85. Hoppecke Specification and Application

Table 86. Hoppecke Lithium Batteries for Energy Storage Production (GWh), Value

(US\$ Million), Price (USD/KWh) and Gross Margin (2018-2023)

Table 87. Hoppecke Main Business and Markets Served

Table 88. Hoppecke Recent Developments/Updates

Table 89. Toshiba Lithium Batteries for Energy Storage Corporation Information

Table 90. Toshiba Specification and Application

Table 91. Toshiba Lithium Batteries for Energy Storage Production (GWh), Value (US\$ Million), Price (USD/KWh) and Gross Margin (2018-2023)

Table 92. Toshiba Main Business and Markets Served

Table 93. Toshiba Recent Developments/Updates

Table 94. Kokam Lithium Batteries for Energy Storage Corporation Information

Table 95. Kokam Specification and Application

Table 96. Kokam Lithium Batteries for Energy Storage Production (GWh), Value (US\$ Million), Price (USD/KWh) and Gross Margin (2018-2023)

Table 97. Kokam Main Business and Markets Served

Table 98. Kokam Recent Developments/Updates

Table 99. Schneider-Electric Lithium Batteries for Energy Storage Corporation Information

Table 100. Schneider-Electric Specification and Application

Table 101. Schneider-Electric Lithium Batteries for Energy Storage Production (GWh), Value (US\$ Million), Price (USD/KWh) and Gross Margin (2018-2023)

Table 102. Schneider-Electric Main Business and Markets Served

Table 103. Schneider-Electric Recent Developments/Updates

Table 104. EATON Lithium Batteries for Energy Storage Corporation Information

Table 105. EATON Specification and Application

Table 106. EATON Lithium Batteries for Energy Storage Production (GWh), Value (US\$ Million), Price (USD/KWh) and Gross Margin (2018-2023)

Table 107. EATON Main Business and Markets Served

Table 108. EATON Recent Developments/Updates

Table 109. Emerson Lithium Batteries for Energy Storage Corporation Information

Table 110. Emerson Specification and Application

Table 111. Emerson Lithium Batteries for Energy Storage Production (GWh), Value (US\$ Million), Price (USD/KWh) and Gross Margin (2018-2023)

Table 112. Emerson Main Business and Markets Served

Table 113. Emerson Recent Developments/Updates

Table 114. S&C Lithium Batteries for Energy Storage Corporation Information

Table 115. S&C Specification and Application

Table 116. S&C Lithium Batteries for Energy Storage Production (GWh), Value (US\$ Million), Price (USD/KWh) and Gross Margin (2018-2023)

Table 117. S&C Main Business and Markets Served

- Table 118. S&C Recent Developments/Updates
- Table 119. ABB Lithium Batteries for Energy Storage Corporation Information
- Table 120. ABB Specification and Application
- Table 121. ABB Lithium Batteries for Energy Storage Production (GWh), Value (US\$ Million), Price (USD/KWh) and Gross Margin (2018-2023)
- Table 122. ABB Main Business and Markets Served
- Table 123. ABB Recent Developments/Updates
- Table 124. Socomec Lithium Batteries for Energy Storage Corporation Information
- Table 125. Socomec Specification and Application
- Table 126. Socomec Lithium Batteries for Energy Storage Production (GWh), Value (US\$ Million), Price (USD/KWh) and Gross Margin (2018-2023)
- Table 127. Socomec Main Business and Markets Served
- Table 128. Socomec Recent Developments/Updates
- Table 129. Activepower Lithium Batteries for Energy Storage Corporation Information
- Table 130. Activepower Specification and Application
- Table 131. Activepower Lithium Batteries for Energy Storage Production (GWh), Value (US\$ Million), Price (USD/KWh) and Gross Margin (2018-2023)
- Table 132. Activepower Main Business and Markets Served
- Table 133. Activepower Recent Developments/Updates
- Table 134. Activepower Lithium Batteries for Energy Storage Corporation Information
- Table 135. Gamatronic Specification and Application
- Table 136. Gamatronic Lithium Batteries for Energy Storage Production (GWh), Value (US\$ Million), Price (USD/KWh) and Gross Margin (2018-2023)
- Table 137. Gamatronic Main Business and Markets Served
- Table 138. Gamatronic Recent Developments/Updates
- Table 139. Kehua Lithium Batteries for Energy Storage Corporation Information
- Table 140. Kehua Lithium Batteries for Energy Storage Production (GWh), Value (US\$ Million), Price (USD/KWh) and Gross Margin (2018-2023)
- Table 141. Kehua Main Business and Markets Served
- Table 142. Kehua Recent Developments/Updates
- Table 143. KSTAR Lithium Batteries for Energy Storage Corporation Information
- Table 144. KSTAR Specification and Application
- Table 145. KSTAR Lithium Batteries for Energy Storage Production (GWh), Value (US\$ Million), Price (USD/KWh) and Gross Margin (2018-2023)
- Table 146. KSTAR Main Business and Markets Served
- Table 147. KSTAR Recent Developments/Updates
- Table 148. EAST Lithium Batteries for Energy Storage Corporation Information
- Table 149. EAST Specification and Application
- Table 150. EAST Lithium Batteries for Energy Storage Production (GWh), Value (US\$

Million), Price (USD/KWh) and Gross Margin (2018-2023)

Table 151. EAST Main Business and Markets Served

Table 152. EAST Recent Developments/Updates

Table 153. Key Raw Materials Lists

Table 154. Raw Materials Key Suppliers Lists

Table 155. Lithium Batteries for Energy Storage Distributors List

Table 156. Lithium Batteries for Energy Storage Customers List

Table 157. Lithium Batteries for Energy Storage Market Trends

Table 158. Lithium Batteries for Energy Storage Market Drivers

Table 159. Lithium Batteries for Energy Storage Market Challenges

Table 160. Lithium Batteries for Energy Storage Market Restraints

Table 161. Research Programs/Design for This Report

Table 162. Key Data Information from Secondary Sources

Table 163. Key Data Information from Primary Sources

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of Lithium Batteries for Energy Storage
- Figure 2. Global Lithium Batteries for Energy Storage Market Value by Type, (US\$ Million) & (2022 VS 2029)
- Figure 3. Global Lithium Batteries for Energy Storage Market Share by Type: 2022 VS 2029
- Figure 4. Li-Ni Batteries Product Picture
- Figure 5. Li-Ni-Co Batteries Product Picture
- Figure 6. Li-Mn Batteries Product Picture
- Figure 7. Others Product Picture
- Figure 8. Global Lithium Batteries for Energy Storage Market Value by Application, (US\$ Million) & (2022 VS 2029)
- Figure 9. Global Lithium Batteries for Energy Storage Market Share by Application: 2022 VS 2029
- Figure 10. Utilities
- Figure 11. Communications
- Figure 12. Others
- Figure 13. Global Lithium Batteries for Energy Storage Production Value (US\$ Million), 2018 VS 2022 VS 2029
- Figure 14. Global Lithium Batteries for Energy Storage Production Value (US\$ Million) & (2018-2029)
- Figure 15. Global Lithium Batteries for Energy Storage Production (GWh) & (2018-2029)
- Figure 16. Global Lithium Batteries for Energy Storage Average Price (USD/KWh) & (2018-2029)
- Figure 17. Lithium Batteries for Energy Storage Report Years Considered
- Figure 18. Lithium Batteries for Energy Storage Production Share by Manufacturers in 2022
- Figure 19. Lithium Batteries for Energy Storage Market Share by Company Type (Tier 1, Tier 2, and Tier 3): 2018 VS 2022
- Figure 20. The Global 5 and 10 Largest Players: Market Share by Lithium Batteries for Energy Storage Revenue in 2022
- Figure 21. Global Lithium Batteries for Energy Storage Production Value by Region: 2018 VS 2022 VS 2029 (US\$ Million)
- Figure 22. Global Lithium Batteries for Energy Storage Production Value Market Share by Region: 2018 VS 2022 VS 2029

Figure 23. Global Lithium Batteries for Energy Storage Production Comparison by Region: 2018 VS 2022 VS 2029 (GWh)

Figure 24. Global Lithium Batteries for Energy Storage Production Market Share by Region: 2018 VS 2022 VS 2029

Figure 25. North America Lithium Batteries for Energy Storage Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 26. Europe Lithium Batteries for Energy Storage Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 27. China Lithium Batteries for Energy Storage Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 28. Japan Lithium Batteries for Energy Storage Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 29. Global Lithium Batteries for Energy Storage Consumption by Region: 2018 VS 2022 VS 2029 (GWh)

Figure 30. Global Lithium Batteries for Energy Storage Consumption Market Share by Region: 2018 VS 2022 VS 2029

Figure 31. North America Lithium Batteries for Energy Storage Consumption and Growth Rate (2018-2023) & (GWh)

Figure 32. North America Lithium Batteries for Energy Storage Consumption Market Share by Country (2018-2029)

Figure 33. Canada Lithium Batteries for Energy Storage Consumption and Growth Rate (2018-2023) & (GWh)

Figure 34. U.S. Lithium Batteries for Energy Storage Consumption and Growth Rate (2018-2023) & (GWh)

Figure 35. Europe Lithium Batteries for Energy Storage Consumption and Growth Rate (2018-2023) & (GWh)

Figure 36. Europe Lithium Batteries for Energy Storage Consumption Market Share by Country (2018-2029)

Figure 37. Germany Lithium Batteries for Energy Storage Consumption and Growth Rate (2018-2023) & (GWh)

Figure 38. France Lithium Batteries for Energy Storage Consumption and Growth Rate (2018-2023) & (GWh)

Figure 39. U.K. Lithium Batteries for Energy Storage Consumption and Growth Rate (2018-2023) & (GWh)

Figure 40. Italy Lithium Batteries for Energy Storage Consumption and Growth Rate (2018-2023) & (GWh)

Figure 41. Russia Lithium Batteries for Energy Storage Consumption and Growth Rate (2018-2023) & (GWh)

Figure 42. Asia Pacific Lithium Batteries for Energy Storage Consumption and Growth

Rate (2018-2023) & (GWh)

Figure 43. Asia Pacific Lithium Batteries for Energy Storage Consumption Market Share by Regions (2018-2029)

Figure 44. China Lithium Batteries for Energy Storage Consumption and Growth Rate (2018-2023) & (GWh)

Figure 45. Japan Lithium Batteries for Energy Storage Consumption and Growth Rate (2018-2023) & (GWh)

Figure 46. South Korea Lithium Batteries for Energy Storage Consumption and Growth Rate (2018-2023) & (GWh)

Figure 47. China Taiwan Lithium Batteries for Energy Storage Consumption and Growth Rate (2018-2023) & (GWh)

Figure 48. Southeast Asia Lithium Batteries for Energy Storage Consumption and Growth Rate (2018-2023) & (GWh)

Figure 49. India Lithium Batteries for Energy Storage Consumption and Growth Rate (2018-2023) & (GWh)

Figure 50. Latin America, Middle East & Africa Lithium Batteries for Energy Storage Consumption and Growth Rate (2018-2023) & (GWh)

Figure 51. Latin America, Middle East & Africa Lithium Batteries for Energy Storage Consumption Market Share by Country (2018-2029)

Figure 52. Mexico Lithium Batteries for Energy Storage Consumption and Growth Rate (2018-2023) & (GWh)

Figure 53. Brazil Lithium Batteries for Energy Storage Consumption and Growth Rate (2018-2023) & (GWh)

Figure 54. Turkey Lithium Batteries for Energy Storage Consumption and Growth Rate (2018-2023) & (GWh)

Figure 55. GCC Countries Lithium Batteries for Energy Storage Consumption and Growth Rate (2018-2023) & (GWh)

Figure 56. Global Production Market Share of Lithium Batteries for Energy Storage by Type (2018-2029)

Figure 57. Global Production Value Market Share of Lithium Batteries for Energy Storage by Type (2018-2029)

Figure 58. Global Lithium Batteries for Energy Storage Price (USD/KWh) by Type (2018-2029)

Figure 59. Global Production Market Share of Lithium Batteries for Energy Storage by Application (2018-2029)

Figure 60. Global Production Value Market Share of Lithium Batteries for Energy Storage by Application (2018-2029)

Figure 61. Global Lithium Batteries for Energy Storage Price (USD/KWh) by Application (2018-2029)



Figure 62. Lithium Batteries for Energy Storage Value Chain

Figure 63. Lithium Batteries for Energy Storage Production Process

Figure 64. Channels of Distribution (Direct Vs Distribution)

Figure 65. Distributors Profiles

Figure 66. Bottom-up and Top-down Approaches for This Report

Figure 67. Data Triangulation

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