

# Battery Energy Storage System (ESS) Market Research: Global Status & Forecast by Geography, Type & Application (2017-2027)

https://marketpublishers.com/r/BF8ED1C15D3AEN.html

Date: October 2021

Pages: 93

Price: US\$ 2,280.00 (Single User License)

ID: BF8ED1C15D3AEN

# **Abstracts**

According to 99Strategy, the Global Battery Energy Storage System (ESS) Market is estimated to reach xxx million USD in 2021 and projected to grow at the CAGR of xx% during the 2022-2027. The report analyses the global Battery Energy Storage System (ESS) market, the market size and growth, as well as the major market participants.

The analysis includes market size, upstream situation, market segmentation, market segmentation, price & cost and industry environment. In addition, the report outlines the factors driving industry growth and the description of market channels. The report begins from overview of industrial chain structure, and describes the upstream. Besides, the report analyses market size and forecast in different geographies, type and end-use segment, in addition, the report introduces market competition overview among the major companies and companies profiles, besides, market price and channel features are covered in the report.

**Key Regions** 

Asia Pacific

North America

Europe

South America

Middle East & Africa



Key Companies		
ABB		
LG Chem		
NEC Corporation		
Panasonic Corporation		
Samsung Sdi		
Aeg Power Solutions		
General Electric		
Hitachi		
Siemens AG		
GS Yuasa International		
Shin-Kobe Electric Machinery		
Furukawa Battery		
Toshiba Corporation		
NEC Corporation		
Sony Corporation		
Panasonic Corporation		
ELIIY Power		
IHI Corporation		



	ENAX	
	Mitsubishi Heavy Industries	
	Furukawa	
	Nichicon Corporation	
	Seiko Electric	
	Inaba Denki Sangyo	
	JFE Engineering Corporation	
	Kawasaki Heavy Industries	
	Sumitomo Electric Industries	
	NGK Insulators	
Key Product Type		
	Lead-Acid Battery Energy Storage	
	Ni-MH Battery Energy Storage	
	Sodium Sulfur Battery Energy Storage	
	Lithium Battery Energy Storage	
	Others	
Market by Application		
	Dry Batteries	



Accumulator

Others

# Main Aspects covered in the Report

Overview of the Battery Energy Storage System (ESS) market including production, consumption, status & forecast and market growth

2017-2021 historical data and 2022-2027 market forecast

Geographical analysis including major countries

Overview the product type market including development

Overview the end-user market including development



# **Contents**

#### 1 INDUSTRIAL CHAIN OVERVIEW

- 1.1 Battery Energy Storage System (ESS) Industry
  - 1.1.1 Overview

Figure Battery Energy Storage System (ESS) Picture List

- 1.1.2 Characteristics of Battery Energy Storage System (ESS)
- 1.2 Upstream
  - 1.2.1 Major Materials
  - 1.2.2 Manufacturing Overview
- 1.3 Product List By Type
  - 1.3.1 Lead-Acid Battery Energy Storage
- 1.3.2 Ni-MH Battery Energy Storage
- 1.3.3 Sodium Sulfur Battery Energy Storage
- 1.3.4 Lithium Battery Energy Storage
- 1.3.5 Others
- 1.4 End-Use List
  - 1.4.1 Demand in Dry Batteries
  - 1.4.2 Demand in Accumulator
  - 1.4.3 Demand in Others
- 1.5 Global Market Overview
  - 1.5.1 Global Market Size and Forecast, 2017-2027

Figure Global Market Size and Forecast with Growth Rate, 2017-2027

1.5.2 Global Market Size and Forecast by Geography with CAGR, 2017-2027

Table Global Market Size and Forecast by Geography with Growth Rate, 2017-2027

1.5.3 Global Market Size and Forecast by Product Type with CAGR, 2017-2027

Table Global Market Size and Forecast by Type with Growth Rate, 2017-2027

1.5.4 Global Market Size and Forecast by End-Use with CAGR, 2017-2027

Table Global Market Size and Forecast by End-Use with Growth Rate, 2017-2027

#### 2 GLOBAL PRODUCTION & CONSUMPTION BY GEOGRAPHY

- 2.1 Global Production & Consumption
  - 2.1.1 Global Production

Figure Global Production Volume Status and Growth Rate, 2017-2021, in Volume Table Global Production Volume Status and Growth Rate by Geography, 2017-2021, in Volume

Figure Global Production Amount Status and Growth Rate, 2017-2021, in Million USD



Table Global Production Amount Status and Growth Rate by Geography, 2017-2021, in Million USD

### 2.1.2 Global Consumption

Figure Global Market Volume and Growth Rate, 2017-2021, in Volume Table Global Market Volume and Growth Rate by Geography, 2017-2021, in Volume Figure Global Market Amount and Growth Rate, 2017-2021, in Million USD Table Global Market Amount and Growth Rate by Geography, 2017-2021, in Million USD

2.2 Geographic Production & Consumption

#### 2.2.1 Production

#### 2.2.1.1 Asia-Pacific

Figure Asia-Pacific Production Volume Status and Growth Rate, 2017-2021, in Volume Table Asia-Pacific Production Volume Status and Growth Rate by Region, 2017-2021, in Volume

Figure Asia-Pacific Production Amount Status and Growth Rate, 2017-2021, in Million USD

Table Asia-Pacific Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

#### 2.2.1.2 North America

Figure North America Production Volume Status and Growth Rate, 2017-2021, in Volume

Table North America Production Volume Status and Growth Rate by Region, 2017-2021, in Volume

Figure North America Production Amount Status and Growth Rate, 2017-2021, in Million USD

Table North America Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

#### 2.2.1.3 South America

Figure South America Production Volume Status and Growth Rate, 2017-2021, in Volume

Table South America Production Volume Status and Growth Rate by Region, 2017-2021, in Volume

Figure South America Production Amount Status and Growth Rate, 2017-2021, in Million USD

Table South America Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

#### 2.2.1.4 Europe

Figure Europe Production Volume Status and Growth Rate, 2017-2021, in Volume Table Europe Production Volume Status and Growth Rate by Region, 2017-2021, in



#### Volume

Figure Europe Production Amount Status and Growth Rate, 2017-2021, in Million USD Table Europe Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

#### 2.2.1.5 Middle East & Africa

Figure Middle East & Africa Production Volume Status and Growth Rate, 2017-2021, in Volume

Table Middle East & Africa Production Volume Status and Growth Rate by Region, 2017-2021, in Volume

Figure Middle East & Africa Production Amount Status and Growth Rate, 2017-2021, in Million USD

Table Middle East & Africa Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

2.2.2 Consumption

2.2.2.1 Asia-Pacific

Figure Asia-Pacific Market Volume and Growth Rate, 2017-2021, in Volume Table Asia-Pacific Market Volume and Growth Rate by Region, 2017-2021, in Volume Figure Asia-Pacific Market Amount and Growth Rate, 2017-2021, in Million USD Table Asia-Pacific Market Amount and Growth Rate by Region, 2017-2021, in Million USD

#### 2.2.2.2 North America

Figure North America Market Volume and Growth Rate, 2017-2021, in Volume Table North America Market Volume and Growth Rate by Region, 2017-2021, in Volume

Figure North America Market Amount and Growth Rate, 2017-2021, in Million USD Table North America Market Amount and Growth Rate by Region, 2017-2021, in Million USD

#### 2.2.2.3 South America

Figure South America Market Volume and Growth Rate, 2017-2021, in Volume Table South America Market Volume and Growth Rate by Region, 2017-2021, in Volume

Figure South America Market Amount and Growth Rate, 2017-2021, in Million USD Table South America Market Amount and Growth Rate by Region, 2017-2021, in Million USD

#### 2.2.2.4 Europe

Figure Europe Market Volume and Growth Rate, 2017-2021, in Volume
Table Europe Market Volume and Growth Rate by Region, 2017-2021, in Volume
Figure Europe Market Amount and Growth Rate, 2017-2021, in Million USD
Table Europe Market Amount and Growth Rate by Region, 2017-2021, in Million USD



#### 2.2.2.5 Middle East & Africa

Figure Middle East & Africa Market Volume and Growth Rate, 2017-2021, in Volume Table Middle East & Africa Market Volume and Growth Rate by Region, 2017-2021, in Volume

Figure Middle East & Africa Market Amount and Growth Rate, 2017-2021, in Million USD

Table Middle East & Africa Market Amount and Growth Rate by Region, 2017-2021, in Million USD

#### **3 MAJOR MANUFACTURERS INTRODUCTION**

3.1 Manufacturers Overview

Table Major Manufacturers Headquarters and Contact Information

Table Major Manufacturers Capacity List in 2021

- 3.2 Manufacturers List
  - 3.2.1 ABB Overview

Table ABB Overview List

- 3.2.1.1 Product Specifications
- 3.2.1.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Battery Energy Storage System (ESS) Business Operation of ABB (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

- 3.2.1.3 Recent Developments
- 3.2.1.4 Future Strategic Planning
- 3.2.2 LG Chem Overview

Table LG Chem Overview List

- 3.2.2.1 Product Specifications
- 3.2.2.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Battery Energy Storage System (ESS) Business Operation of LG Chem (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

- 3.2.2.3 Recent Developments
- 3.2.2.4 Future Strategic Planning
- 3.2.3 NEC Corporation Overview

**Table NEC Corporation Overview List** 

- 3.2.3.1 Product Specifications
- 3.2.3.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)



Table Battery Energy Storage System (ESS) Business Operation of NEC Corporation (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

- 3.2.3.3 Recent Developments
- 3.2.3.4 Future Strategic Planning
- 3.2.4 Panasonic Corporation Overview

**Table Panasonic Corporation Overview List** 

- 3.2.4.1 Product Specifications
- 3.2.4.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Battery Energy Storage System (ESS) Business Operation of Panasonic Corporation (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

- 3.2.4.3 Recent Developments
- 3.2.4.4 Future Strategic Planning
- 3.2.5 Samsung Sdi Overview

Table Samsung Sdi Overview List

- 3.2.5.1 Product Specifications
- 3.2.5.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Battery Energy Storage System (ESS) Business Operation of Samsung Sdi (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

- 3.2.5.3 Recent Developments
- 3.2.5.4 Future Strategic Planning
- 3.2.6 Aeg Power Solutions Overview

Table Aeg Power Solutions Overview List

- 3.2.6.1 Product Specifications
- 3.2.6.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Battery Energy Storage System (ESS) Business Operation of Aeg Power Solutions (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

- 3.2.6.3 Recent Developments
- 3.2.6.4 Future Strategic Planning
- 3.2.7 General Electric Overview

Table General Electric Overview List

- 3.2.7.1 Product Specifications
- 3.2.7.2 Business Data (Production Volume (Volume), Production Amount (Million



USD), Price, Cost, Margin)

Table Battery Energy Storage System (ESS) Business Operation of General Electric (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

- 3.2.7.3 Recent Developments
- 3.2.7.4 Future Strategic Planning
- 3.2.8 Hitachi Overview

Table Hitachi Overview List

- 3.2.8.1 Product Specifications
- 3.2.8.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Battery Energy Storage System (ESS) Business Operation of Hitachi (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

- 3.2.8.3 Recent Developments
- 3.2.8.4 Future Strategic Planning
- 3.2.9 Siemens AG Overview

Table Siemens AG Overview List

- 3.2.9.1 Product Specifications
- 3.2.9.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Battery Energy Storage System (ESS) Business Operation of Siemens AG (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

- 3.2.9.3 Recent Developments
- 3.2.9.4 Future Strategic Planning
- 3.2.10 GS Yuasa International Overview

Table GS Yuasa International Overview List

- 3.2.10.1 Product Specifications
- 3.2.10.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Battery Energy Storage System (ESS) Business Operation of GS Yuasa International (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

- 3.2.10.3 Recent Developments
- 3.2.10.4 Future Strategic Planning
- 3.2.11 Shin-Kobe Electric Machinery Overview

Table Shin-Kobe Electric Machinery Overview List

- 3.2.11.1 Product Specifications
- 3.2.11.2 Business Data (Production Volume (Volume), Production Amount (Million



USD), Price, Cost, Margin)

Table Battery Energy Storage System (ESS) Business Operation of Shin-Kobe Electric Machinery (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

- 3.2.11.3 Recent Developments
- 3.2.11.4 Future Strategic Planning
- 3.2.12 Furukawa Battery Overview

Table Furukawa Battery Overview List

- 3.2.12.1 Product Specifications
- 3.2.12.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Battery Energy Storage System (ESS) Business Operation of Furukawa Battery (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

- 3.2.12.3 Recent Developments
- 3.2.12.4 Future Strategic Planning
- 3.2.13 Toshiba Corporation Overview

Table Toshiba Corporation Overview List

- 3.2.13.1 Product Specifications
- 3.2.13.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Battery Energy Storage System (ESS) Business Operation of Toshiba Corporation (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

- 3.2.13.3 Recent Developments
- 3.2.13.4 Future Strategic Planning
- 3.2.14 NEC Corporation Overview

**Table NEC Corporation Overview List** 

- 3.2.14.1 Product Specifications
- 3.2.14.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Battery Energy Storage System (ESS) Business Operation of NEC Corporation (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

- 3.2.14.3 Recent Developments
- 3.2.14.4 Future Strategic Planning
- 3.2.15 Sony Corporation Overview

**Table Sony Corporation Overview List** 

3.2.15.1 Product Specifications



3.2.15.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Battery Energy Storage System (ESS) Business Operation of Sony Corporation (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

- 3.2.15.3 Recent Developments
- 3.2.15.4 Future Strategic Planning
- 3.2.16 Panasonic Corporation Overview

Table Panasonic Corporation Overview List

- 3.2.16.1 Product Specifications
- 3.2.16.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Battery Energy Storage System (ESS) Business Operation of Panasonic Corporation (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

- 3.2.16.3 Recent Developments
- 3.2.16.4 Future Strategic Planning
- 3.2.17 ELIIY Power Overview

**Table ELIIY Power Overview List** 

- 3.2.17.1 Product Specifications
- 3.2.17.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Battery Energy Storage System (ESS) Business Operation of ELIIY Power (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

- 3.2.17.3 Recent Developments
- 3.2.17.4 Future Strategic Planning
- 3.2.18 IHI Corporation Overview

**Table IHI Corporation Overview List** 

- 3.2.18.1 Product Specifications
- 3.2.18.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Battery Energy Storage System (ESS) Business Operation of IHI Corporation (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

- 3.2.18.3 Recent Developments
- 3.2.18.4 Future Strategic Planning
- 3.2.19 ENAX Overview

Table ENAX Overview List



- 3.2.19.1 Product Specifications
- 3.2.19.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Battery Energy Storage System (ESS) Business Operation of ENAX (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

- 3.2.19.3 Recent Developments
- 3.2.19.4 Future Strategic Planning
- 3.2.20 Mitsubishi Heavy Industries Overview

Table Mitsubishi Heavy Industries Overview List

- 3.2.20.1 Product Specifications
- 3.2.20.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Battery Energy Storage System (ESS) Business Operation of Mitsubishi Heavy Industries (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

- 3.2.20.3 Recent Developments
- 3.2.20.4 Future Strategic Planning
- 3.2.21 Furukawa Overview

Table Furukawa Overview List

- 3.2.21.1 Product Specifications
- 3.2.21.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Battery Energy Storage System (ESS) Business Operation of Furukawa (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

- 3.2.21.3 Recent Developments
- 3.2.21.4 Future Strategic Planning
- 3.2.22 Nichicon Corporation Overview

**Table Nichicon Corporation Overview List** 

- 3.2.22.1 Product Specifications
- 3.2.22.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Battery Energy Storage System (ESS) Business Operation of Nichicon Corporation (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

- 3.2.22.3 Recent Developments
- 3.2.22.4 Future Strategic Planning
- 3.2.23 Seiko Electric Overview

Table Seiko Electric Overview List



- 3.2.23.1 Product Specifications
- 3.2.23.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Battery Energy Storage System (ESS) Business Operation of Seiko Electric (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

- 3.2.23.3 Recent Developments
- 3.2.23.4 Future Strategic Planning
- 3.2.24 Inaba Denki Sangyo Overview

Table Inaba Denki Sangyo Overview List

- 3.2.24.1 Product Specifications
- 3.2.24.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Battery Energy Storage System (ESS) Business Operation of Inaba Denki Sangyo (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

- 3.2.24.3 Recent Developments
- 3.2.24.4 Future Strategic Planning
- 3.2.25 JFE Engineering Corporation Overview

Table JFE Engineering Corporation Overview List

- 3.2.25.1 Product Specifications
- 3.2.25.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Battery Energy Storage System (ESS) Business Operation of JFE Engineering Corporation (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

- 3.2.25.3 Recent Developments
- 3.2.25.4 Future Strategic Planning
- 3.2.26 Kawasaki Heavy Industries Overview

Table Kawasaki Heavy Industries Overview List

- 3.2.26.1 Product Specifications
- 3.2.26.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Battery Energy Storage System (ESS) Business Operation of Kawasaki Heavy Industries (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

- 3.2.26.3 Recent Developments
- 3.2.26.4 Future Strategic Planning
- 3.2.27 Sumitomo Electric Industries Overview



Table Sumitomo Electric Industries Overview List

- 3.2.27.1 Product Specifications
- 3.2.27.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Battery Energy Storage System (ESS) Business Operation of Sumitomo Electric Industries (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

- 3.2.27.3 Recent Developments
- 3.2.27.4 Future Strategic Planning
- 3.2.28 NGK Insulators Overview

Table NGK Insulators Overview List

- 3.2.28.1 Product Specifications
- 3.2.28.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Battery Energy Storage System (ESS) Business Operation of NGK Insulators (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

- 3.2.28.3 Recent Developments
- 3.2.28.4 Future Strategic Planning

#### **4 MARKET COMPETITION PATTERN**

4.1 Market Size and Sketch

Figure Global Market Size and Growth Rate, 2017-2021, in Volume

Figure Global Market Size and Growth Rate, 2017-2021, in Million USD

Figure Global Competition Sketch Overview

- 4.2 Company Market Share
  - 4.2.1 Global Production by Major Manufacturers

Table Global Production Volume List by Manufacturers, 2017-2021, in Volume Table Global Production Volume Share List by Manufacturers, 2017-2021, in Volume Figure Global Production Volume Share by Manufacturers in 2021, in Volume Table Global Production Amount List by Manufacturers, 2017-2021, in Million USD Table Global Production Amount Share List by Manufacturers, 2017-2021, in Million USD

Figure Global Production Amount Share by Manufacturers in 2021, in Million USD

- 4.2.2 Market Concentration Analysis
- 4.3 Market News and Trend
  - 4.3.1 Merger & Acquisition
  - 4.3.2 New Product Launch



#### **5 PRODUCT TYPE SEGMENT**

5.1 Global Overview by Product Type Segment

Table Global Market Status and Growth Rate by Product Type Segment, 2017-2021, in Million USD

Table Global Market Status and Growth Rate by Product Type Segment 2017-2021, in Volume

- 5.2 Segment Subdivision by Product Type
  - 5.2.1 Market in Lead-Acid Battery Energy Storage
    - 5.2.1.1 Market Size

Figure Global Market Amount and Growth Rate in Lead-Acid Battery Energy Storage , 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Lead-Acid Battery Energy Storage, 2017-2021, in Volume

- 5.2.1.2 Situation & Development
- 5.2.2 Market in Ni-MH Battery Energy Storage
  - 5.2.2.1 Market Size

Figure Global Market Amount and Growth Rate in Ni-MH Battery Energy Storage, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Ni-MH Battery Energy Storage, 2017-2021, in Volume

- 5.2.2.2 Situation & Development
- 5.2.3 Market in Sodium Sulfur Battery Energy Storage
  - 5.2.3.1 Market Size

Figure Global Market Amount and Growth Rate in Sodium Sulfur Battery Energy Storage, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Sodium Sulfur Battery Energy Storage, 2017-2021, in Volume

- 5.2.3.2 Situation & Development
- 5.2.4 Market in Lithium Battery Energy Storage
  - 5.2.4.1 Market Size

Figure Global Market Amount and Growth Rate in Lithium Battery Energy Storage, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Lithium Battery Energy Storage, 2017-2021, in Volume

- 5.2.4.2 Situation & Development
- 5.2.5 Market in Others
- 5.2.5.1 Market Size



Figure Global Market Amount and Growth Rate in Others, 2017-2021, in USD Million Figure Global Market Amount and Growth Rate in Others, 2017-2021, in Volume 5.2.5.2 Situation & Development

#### **6 END-USE SEGMENT**

6.1 Global Overview by End-Use Segment

Table Global Market Status and Growth Rate by End-Use Segment, 2017-2021, in Million USD

Table Global Market Status and Growth Rate by End-Use Segment 2017-2021, in Volume

- 6.2 Segment Subdivision
  - 6.2.1 Market in Dry Batteries
    - 6.2.1.1 Market Size

Figure Global Market Amount and Growth Rate in Dry Batteries , 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Dry Batteries, 2017-2021, in Volume 6.2.1.2 Situation & Development

- 6.2.2 Market in Accumulator
  - 6.2.2.1 Market Size

Figure Global Market Amount and Growth Rate in Accumulator , 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Accumulator, 2017-2021, in Volume 6.2.2.2 Situation & Development

- 6.2.3 Market in Others
  - 6.2.3.1 Market Size

Figure Global Market Amount and Growth Rate in Others, 2017-2021, in USD Million Figure Global Market Amount and Growth Rate in Others, 2017-2021, in Volume 6.2.3.2 Situation & Development

#### 7 MARKET FORECAST & TREND

#### 7.1 Regional Forecast

Table Global Market Forecast by Region Segment 2022-2027, in Million USD Table Global Market Forecast by Region Segment 2022-2027, in Volume 7.2 Consumption Forecast

7.2.1 Product Type Forecast

Table Global Market Amount by Product Type Segment 2022-2027, in Million USD Table Global Market Volume by Product Type Segment 2022-2027, in Volume



#### 7.2.2 End-Use Forecast

Table Global Market Amount by End-Use Segment 2022-2027, in Million USD Table Global Market Volume by End-Use Segment 2022-2027, in Volume

- 7.3 Investment Trend
- 7.4 Consumption Trend

#### **8 PRICE & CHANNEL**

- 8.1 Price and Cost
  - 8.1.1 Price
  - 8.1.2 Cost

Figure Cost Component Ratio

8.2 Channel Segment

#### 9 MARKET DRIVERS & INVESTMENT ENVIRONMENT

- 9.1 Market Drivers
- 9.2 Investment Environment
- 9.3 Impact of Coronavirus on the Battery Energy Storage System (ESS) Industry
  - 9.3.1 Impact on Industry Upstream
  - 9.3.2 Impact on Industry Downstream
  - 9.3.3 Impact on Industry Channels
  - 9.3.4 Impact on Industry Competition
  - 9.3.5 Impact on Industry Employment

#### 10 RESEARCH CONCLUSION



# **List Of Tables**

#### LIST OF TABLES

Table Global Market Size and Forecast by Geography with Growth Rate, 2017-2027 Table Global Market Size and Forecast by Type with Growth Rate, 2017-2027 Table Global Market Size and Forecast by End-Use with Growth Rate, 2017-2027 Table Global Production Volume Status and Growth Rate by Geography, 2017-2021, in Volume

Table Global Production Amount Status and Growth Rate by Geography, 2017-2021, in Million USD

Table Global Market Volume and Growth Rate by Geography, 2017-2021, in Volume Table Global Market Amount and Growth Rate by Geography, 2017-2021, in Million USD

Table Asia-Pacific Production Volume Status and Growth Rate by Region, 2017-2021, in Volume

Table Asia-Pacific Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

Table North America Production Volume Status and Growth Rate by Region, 2017-2021, in Volume

Table North America Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

Table South America Production Volume Status and Growth Rate by Region, 2017-2021, in Volume

Table South America Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

Table Europe Production Volume Status and Growth Rate by Region, 2017-2021, in Volume

Table Europe Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

Table Middle East & Africa Production Volume Status and Growth Rate by Region, 2017-2021, in Volume

Table Middle East & Africa Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

Table Asia-Pacific Market Volume and Growth Rate by Region, 2017-2021, in Volume Table Asia-Pacific Market Amount and Growth Rate by Region, 2017-2021, in Million USD

Table North America Market Volume and Growth Rate by Region, 2017-2021, in Volume

Table North America Market Amount and Growth Rate by Region, 2017-2021, in Million



#### **USD**

Table South America Market Volume and Growth Rate by Region, 2017-2021, in Volume

Table South America Market Amount and Growth Rate by Region, 2017-2021, in Million USD

Table Europe Market Volume and Growth Rate by Region, 2017-2021, in Volume Table Europe Market Amount and Growth Rate by Region, 2017-2021, in Million USD Table Middle East & Africa Market Volume and Growth Rate by Region, 2017-2021, in Volume

Table Middle East & Africa Market Amount and Growth Rate by Region, 2017-2021, in Million USD

Table Major Manufacturers Headquarters and Contact Information

Table Major Manufacturers Capacity List in 2021

Table ABB Overview List

Table Battery Energy Storage System (ESS) Business Operation of ABB (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)
Table LG Chem Overview List

Table Battery Energy Storage System (ESS) Business Operation of LG Chem (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table NEC Corporation Overview List

Table Battery Energy Storage System (ESS) Business Operation of NEC Corporation (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Panasonic Corporation Overview List

Table Battery Energy Storage System (ESS) Business Operation of Panasonic Corporation (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Samsung Sdi Overview List

Table Battery Energy Storage System (ESS) Business Operation of Samsung Sdi (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Aeg Power Solutions Overview List

Table Battery Energy Storage System (ESS) Business Operation of Aeg Power Solutions (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table General Electric Overview List

Table Battery Energy Storage System (ESS) Business Operation of General Electric (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross



Margin)

Table Hitachi Overview List

Table Battery Energy Storage System (ESS) Business Operation of Hitachi (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)
Table Siemens AG Overview List

Table Battery Energy Storage System (ESS) Business Operation of Siemens AG (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table GS Yuasa International Overview List

Table Battery Energy Storage System (ESS) Business Operation of GS Yuasa International (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Shin-Kobe Electric Machinery Overview List

Table Battery Energy Storage System (ESS) Business Operation of Shin-Kobe Electric Machinery (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Furukawa Battery Overview List

Table Battery Energy Storage System (ESS) Business Operation of Furukawa Battery (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Toshiba Corporation Overview List

Table Battery Energy Storage System (ESS) Business Operation of Toshiba Corporation (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table NEC Corporation Overview List

Table Battery Energy Storage System (ESS) Business Operation of NEC Corporation (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Sony Corporation Overview List

Table Battery Energy Storage System (ESS) Business Operation of Sony Corporation (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Panasonic Corporation Overview List

Table Battery Energy Storage System (ESS) Business Operation of Panasonic Corporation (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table ELIIY Power Overview List

Table Battery Energy Storage System (ESS) Business Operation of ELIIY Power (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross



Margin)

Table IHI Corporation Overview List

Table Battery Energy Storage System (ESS) Business Operation of IHI Corporation (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table ENAX Overview List

Table Battery Energy Storage System (ESS) Business Operation of ENAX (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)
Table Mitsubishi Heavy Industries Overview List

Table Battery Energy Storage System (ESS) Business Operation of Mitsubishi Heavy Industries (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Furukawa Overview List

Table Battery Energy Storage System (ESS) Business Operation of Furukawa (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Nichicon Corporation Overview List

Table Battery Energy Storage System (ESS) Business Operation of Nichicon Corporation (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Seiko Electric Overview List

Table Battery Energy Storage System (ESS) Business Operation of Seiko Electric (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Inaba Denki Sangyo Overview List

Table Battery Energy Storage System (ESS) Business Operation of Inaba Denki Sangyo (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table JFE Engineering Corporation Overview List

Table Battery Energy Storage System (ESS) Business Operation of JFE Engineering Corporation (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Kawasaki Heavy Industries Overview List

Table Battery Energy Storage System (ESS) Business Operation of Kawasaki Heavy Industries (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Sumitomo Electric Industries Overview List

Table Battery Energy Storage System (ESS) Business Operation of Sumitomo Electric Industries (Production Volume (Volume), Production Amount (Million USD), Price, Cost,



Gross Margin)

Table NGK Insulators Overview List

Table Battery Energy Storage System (ESS) Business Operation of NGK Insulators (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Global Production Volume List by Manufacturers, 2017-2021, in Volume Table Global Production Volume Share List by Manufacturers, 2017-2021, in Volume Table Global Production Amount List by Manufacturers, 2017-2021, in Million USD Table Global Production Amount Share List by Manufacturers, 2017-2021, in Million USD

Table Global Market Status and Growth Rate by Product Type Segment, 2017-2021, in Million USD

Table Global Market Status and Growth Rate by Product Type Segment 2017-2021, in Volume

Table Global Market Status and Growth Rate by End-Use Segment, 2017-2021, in Million USD

Table Global Market Status and Growth Rate by End-Use Segment 2017-2021, in Volume

Table Global Market Forecast by Region Segment 2022-2027, in Million USD Table Global Market Forecast by Region Segment 2022-2027, in Volume Table Global Market Amount by Product Type Segment 2022-2027, in Million USD Table Global Market Volume by Product Type Segment 2022-2027, in Volume Table Global Market Amount by End-Use Segment 2022-2027, in Million USD Table Global Market Volume by End-Use Segment 2022-2027, in Volume



# **List Of Figures**

#### LIST OF FIGURES

Figure Battery Energy Storage System (ESS) Picture List

Figure Global Market Size and Forecast with Growth Rate, 2017-2027

Figure Global Production Volume Status and Growth Rate, 2017-2021, in Volume

Figure Global Production Amount Status and Growth Rate, 2017-2021, in Million USD

Figure Global Market Volume and Growth Rate, 2017-2021, in Volume

Figure Global Market Amount and Growth Rate, 2017-2021, in Million USD

Figure Asia-Pacific Production Volume Status and Growth Rate, 2017-2021, in Volume

Figure Asia-Pacific Production Amount Status and Growth Rate, 2017-2021, in Million USD

Figure North America Production Volume Status and Growth Rate, 2017-2021, in Volume

Figure North America Production Amount Status and Growth Rate, 2017-2021, in Million USD

Figure South America Production Volume Status and Growth Rate, 2017-2021, in Volume

Figure South America Production Amount Status and Growth Rate, 2017-2021, in Million USD

Figure Europe Production Volume Status and Growth Rate, 2017-2021, in Volume Figure Europe Production Amount Status and Growth Rate, 2017-2021, in Million USD Figure Middle East & Africa Production Volume Status and Growth Rate, 2017-2021, in Volume

Figure Middle East & Africa Production Amount Status and Growth Rate, 2017-2021, in Million USD

Figure Asia-Pacific Market Volume and Growth Rate, 2017-2021, in Volume

Figure Asia-Pacific Market Amount and Growth Rate, 2017-2021, in Million USD

Figure North America Market Volume and Growth Rate, 2017-2021, in Volume

Figure North America Market Amount and Growth Rate, 2017-2021, in Million USD

Figure South America Market Volume and Growth Rate, 2017-2021, in Volume

Figure South America Market Amount and Growth Rate, 2017-2021, in Million USD

Figure Europe Market Volume and Growth Rate, 2017-2021, in Volume

Figure Europe Market Amount and Growth Rate, 2017-2021, in Million USD

Figure Middle East & Africa Market Volume and Growth Rate, 2017-2021, in Volume

Figure Middle East & Africa Market Amount and Growth Rate, 2017-2021, in Million USD

Figure Global Market Size and Growth Rate, 2017-2021, in Volume

Figure Global Market Size and Growth Rate, 2017-2021, in Million USD



Figure Global Competition Sketch Overview

Figure Global Production Volume Share by Manufacturers in 2021, in Volume Figure Global Production Amount Share by Manufacturers in 2021, in Million USD Figure Global Market Amount and Growth Rate in Lead-Acid Battery Energy Storage, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Lead-Acid Battery Energy Storage, 2017-2021, in Volume

Figure Global Market Amount and Growth Rate in Ni-MH Battery Energy Storage, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Ni-MH Battery Energy Storage, 2017-2021, in Volume

Figure Global Market Amount and Growth Rate in Sodium Sulfur Battery Energy Storage, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Sodium Sulfur Battery Energy Storage, 2017-2021, in Volume

Figure Global Market Amount and Growth Rate in Lithium Battery Energy Storage, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Lithium Battery Energy Storage, 2017-2021, in Volume

Figure Global Market Amount and Growth Rate in Others, 2017-2021, in USD Million Figure Global Market Amount and Growth Rate in Others, 2017-2021, in Volume Figure Global Market Amount and Growth Rate in Dry Batteries, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Dry Batteries, 2017-2021, in Volume Figure Global Market Amount and Growth Rate in Accumulator, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Accumulator, 2017-2021, in Volume Figure Global Market Amount and Growth Rate in Others, 2017-2021, in USD Million Figure Global Market Amount and Growth Rate in Others, 2017-2021, in Volume Figure Cost Component Ratio



#### I would like to order

Product name: Battery Energy Storage System (ESS) Market Research: Global Status & Forecast by

Geography, Type & Application (2017-2027)

Product link: https://marketpublishers.com/r/BF8ED1C15D3AEN.html

Price: US\$ 2,280.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

# **Payment**

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/BF8ED1C15D3AEN.html">https://marketpublishers.com/r/BF8ED1C15D3AEN.html</a>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:	
Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

