

# Global and China All-Solid-State Battery Market Research by Company, Type & Application 2013-2025

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## Abstracts

### SUMMARY

Chemical energy storage, including lead acid batteries, nickel system batteries, and lithium ion batteries (LiBs), is considered to be the most promising energy storage technology for industrialization. Among these, LiBs have many advantages such as light weight, high energy density, high power density, and long life, and they are overwhelmingly preferred by designers for use in portable electronic devices such as cell phones and laptops. However, overcharging or short-circuiting can lead to high temperature and result in fire or explosion due to the presence of flammable organic electrolytes. Fires and explosions of LiBs have been reported throughout the world. The developments of electric vehicles (EVs) and large-scale energy storage devices for new kinds of power stations greatly expand the market for LiBs, meanwhile, stricter safety requirements apply to LiBs. Since large numbers of LiBs are packed together in EVs or power stations, fire or explosion in an LiB could be disastrous. Safety has become the main obstacle for the wide application of LiBs. To meet this issue, All-Solid-State Battery have entered the field.

Market Segment as follows:

By Type

Polymer-Based All-Solid-State Battery

All-Solid-State Battery with Inorganic Solid Electrolytes

By Application

Consumer Electronics

Electric Vehicle

Aerospace

Others

By Company

BMW

Hyundai

Dyson

Apple

CATL

Bolloré

Toyota

Panasonic

Jiawei

Bosch

Quantum Scape

Ilika

Excellatron Solid State

Cymbet

Solid Power

Mitsui Kinzoku

Samsung

ProLogium

Front Edge Technology

The main contents of the report including:

Section 1:

Product definition, type and application, global and China market overview;

Section 2:

Global and China Market competition by company;

Section 3:

Global and China sales revenue, volume and price by type;

Section 4:

Global and China sales revenue, volume and price by application;

Section 5:

China export and import;

Section 6:

Company information, business overview, sales data and product specifications;

Section 7:

Industry chain and raw materials;

Section 8:

SWOT and Porter's Five Forces;

Section 9:

Conclusion.

## Contents

### 1 MARKET OVERVIEW

#### 1.1 Market Segment Overview

##### 1.1.1 Product Definition

##### 1.1.2 Market by Type

###### 1.1.2.1 Polymer-Based All-Solid-State Battery

###### 1.1.2.2 All-Solid-State Battery with Inorganic Solid Electrolytes

##### 1.1.3 Market by Application

###### 1.1.3.1 Consumer Electronics

###### 1.1.3.2 Electric Vehicle

###### 1.1.3.3 Aerospace

###### 1.1.3.4 Others

#### 1.2 Global and China Market Size

##### 1.2.1 Global Overview

##### 1.2.2 China Overview

### 2 GLOBAL AND CHINA MARKET BY COMPANY

#### 2.1 Global

##### 2.1.1 Global Sales by Company

##### 2.1.2 Global Price by Company

#### 2.2 China

##### 2.2.1 China Sales by Company

##### 2.2.2 China Price by Company

### 3 GLOBAL AND CHINA MARKET BY TYPE

#### 3.1 Global

##### 3.1.1 Global Sales by Type

##### 3.1.2 Global Price by Type

#### 3.2 China

##### 3.2.1 China Sales by Type

##### 3.2.2 China Price by Type

### 4 GLOBAL AND CHINA MARKET BY APPLICATION

#### 4.1 Global

- 4.1.1 Global Sales by Application
- 4.1.2 Global Price by Application
- 4.2 China
  - 4.2.1 China Sales by Application
  - 4.2.2 China Price by Application

## **5 CHINA TRADE**

- 5.1 Export
- 5.2 Import

## **6 KEY MANUFACTURERS**

- 6.1 BMW
  - 6.1.1 Company Information
  - 6.1.2 Product Specifications
  - 6.1.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.2 Hyundai
- 6.3 Dyson
- 6.4 Apple
- 6.5 CATL
- 6.6 Bolloré
- 6.7 Toyota
- 6.8 Panasonic
- 6.9 Jiawei
- 6.10 Bosch
- 6.11 Quantum Scape
- 6.12 Ilika
- 6.13 Excellatron Solid State
- 6.14 Cymbet
- 6.15 Solid Power
- 6.16 Mitsui Kinzoku
- 6.17 Samsung
- 6.18 ProLogium
- 6.19 Front Edge Technology

## **7 INDUSTRY UPSTREAM**

- 7.1 Industry Chain

7.2 Raw Materials

## **8 MARKET ENVIRONMENT**

8.1 SWOT

8.2 Porter's Five Forces

## **9 CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table Global Market Sales Revenue by Company 2013-2017  
Table Global Market Sales Revenue Share by Company 2013-2017  
Table Global Market Sales Volume by Company 2013-2017  
Table Global Market Sales Volume Share by Company 2013-2017  
Table Global Price by Company 2013-2017  
Table China Market Sales Revenue by Company 2013-2017  
Table China Market Sales Revenue Share by Company 2013-2017  
Table China Market Sales Volume by Company 2013-2017  
Table China Market Sales Volume Share by Company 2013-2017  
Table China Price by Company 2013-2017  
Table Global Market Sales Revenue by Type 2013-2017  
Table Global Market Sales Revenue Share by Type 2013-2017  
Table Global Market Sales Volume by Type 2013-2017  
Table Global Market Sales Volume Share by Type 2013-2017  
Table Global Price by Type 2013-2017  
Table China Market Sales Revenue by Type 2013-2017  
Table China Market Sales Revenue Share by Type 2013-2017  
Table China Market Sales Volume by Type 2013-2017  
Table China Market Sales Volume Share by Type 2013-2017  
Table China Price by Type 2013-2017  
Table Global Market Sales Revenue by Application 2013-2017  
Table Global Market Sales Revenue Share by Application 2013-2017  
Table Global Market Sales Volume by Application 2013-2017  
Table Global Market Sales Volume Share by Application 2013-2017  
Table Global Price by Application 2013-2017  
Table China Market Sales Revenue by Application 2013-2017  
Table China Market Sales Revenue Share by Application 2013-2017  
Table China Market Sales Volume by Application 2013-2017  
Table China Market Sales Volume Share by Application 2013-2017  
Table China Price by Application 2013-2017  
Table China Export 2013-2017 (Million USD)  
Table China Export 2013-2017 (Volume)  
Table China Import 2013-2017 (Million USD)  
Table China Import 2013-2017 (Volume)  
Table Sales Revenue, Sales Volume, Price, Cost and Margin of BMW

Table Sales Revenue, Sales Volume, Price, Cost and Margin of Hyundai  
Table Sales Revenue, Sales Volume, Price, Cost and Margin of Dyson  
Table Sales Revenue, Sales Volume, Price, Cost and Margin of Apple  
Table Sales Revenue, Sales Volume, Price, Cost and Margin of CATL  
Table Sales Revenue, Sales Volume, Price, Cost and Margin of Bolloré  
Table Sales Revenue, Sales Volume, Price, Cost and Margin of Toyota  
Table Sales Revenue, Sales Volume, Price, Cost and Margin of Panasonic  
Table Sales Revenue, Sales Volume, Price, Cost and Margin of Jiawei  
Table Sales Revenue, Sales Volume, Price, Cost and Margin of Bosch  
Table Sales Revenue, Sales Volume, Price, Cost and Margin of Quantum Scape  
Table Sales Revenue, Sales Volume, Price, Cost and Margin of Ilika  
Table Sales Revenue, Sales Volume, Price, Cost and Margin of Excellatron Solid State  
Table Sales Revenue, Sales Volume, Price, Cost and Margin of Cymbet  
Table Sales Revenue, Sales Volume, Price, Cost and Margin of Solid Power  
Table Sales Revenue, Sales Volume, Price, Cost and Margin of Mitsui Kinzoku  
Table Sales Revenue, Sales Volume, Price, Cost and Margin of Samsung  
Table Sales Revenue, Sales Volume, Price, Cost and Margin of ProLogium  
Table Sales Revenue, Sales Volume, Price, Cost and Margin of Front Edge  
Technology



## List Of Figures

### LIST OF FIGURES

Figure Polymer-Based All-Solid-State Battery Market Size and CAGR 2013-2018 (Million USD)

Figure Polymer-Based All-Solid-State Battery Market Size and CAGR 2013-2018 (Volume)

Figure Polymer-Based All-Solid-State Battery Market Forecast and CAGR 2019-2025 (Million USD)

Figure Polymer-Based All-Solid-State Battery Market Forecast and CAGR 2019-2025 (Volume)

Figure All-Solid-State Battery with Inorganic Solid Electrolytes Market Size and CAGR 2013-2018 (Million USD)

Figure All-Solid-State Battery with Inorganic Solid Electrolytes Market Size and CAGR 2013-2018 (Volume)

Figure All-Solid-State Battery with Inorganic Solid Electrolytes Market Forecast and CAGR 2019-2025 (Million USD)

Figure All-Solid-State Battery with Inorganic Solid Electrolytes Market Forecast and CAGR 2019-2025 (Volume)

Figure Consumer Electronics Market Size and CAGR 2013-2018 (Million USD)

Figure Consumer Electronics Market Size and CAGR 2013-2018 (Volume)

Figure Consumer Electronics Market Forecast and CAGR 2019-2025 (Million USD)

Figure Consumer Electronics Market Forecast and CAGR 2019-2025 (Volume)

Figure Electric Vehicle Market Size and CAGR 2013-2018 (Million USD)

Figure Electric Vehicle Market Size and CAGR 2013-2018 (Volume)

Figure Electric Vehicle Market Forecast and CAGR 2019-2025 (Million USD)

Figure Electric Vehicle Market Forecast and CAGR 2019-2025 (Volume)

Figure Aerospace Market Size and CAGR 2013-2018 (Million USD)

Figure Aerospace Market Size and CAGR 2013-2018 (Volume)

Figure Aerospace Market Forecast and CAGR 2019-2025 (Million USD)

Figure Aerospace Market Forecast and CAGR 2019-2025 (Volume)

Figure Others Market Size and CAGR 2013-2018 (Million USD)

Figure Others Market Size and CAGR 2013-2018 (Volume)

Figure Others Market Forecast and CAGR 2019-2025 (Million USD)

Figure Others Market Forecast and CAGR 2019-2025 (Volume)

Figure Global All-Solid-State Battery Market Size and CAGR 2013-2017 (Million USD)

Figure Global All-Solid-State Battery Market Size and CAGR 2013-2017 (Volume)

Figure Global All-Solid-State Battery Market Forecast and CAGR 2019-2025 (Million

USD)

Figure Global All-Solid-State Battery Market Forecast and CAGR 2019-2025 (Volume)

Figure China All-Solid-State Battery Market Size and CAGR 2013-2017 (Million USD)

Figure China All-Solid-State Battery Market Size and CAGR 2013-2017 (Volume)

Figure China All-Solid-State Battery Market Forecast and CAGR 2019-2025 (Million USD)

Figure China All-Solid-State Battery Market Forecast and CAGR 2019-2025 (Volume)

Figure Global Market Sales Revenue Share by Company in 2017

Figure Global Market Sales Volume Share by Company in 2017

Figure China Market Sales Revenue Share by Company in 2017

Figure China Market Sales Volume Share by Company in 2017

Figure Global Market Sales Revenue Share by Type in 2017

Figure Global Market Sales Volume Share by Type in 2017

Figure China Market Sales Revenue Share by Type in 2017

Figure China Market Sales Volume Share by Type in 2017

Figure Global Market Sales Revenue Share by Application in 2017

Figure Global Market Sales Volume Share by Application in 2017

Figure China Market Sales Revenue Share by Application in 2017

Figure China Market Sales Volume Share by Application in 2017

Figure Industry Chain Overview

Figure All-Solid-State Battery SWOT List

Figure All-Solid-State Battery Porter's Five Forces

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