

# Global Solid State Batteries Market Research Report 2016

https://marketpublishers.com/r/G87D9890D5DEN.html

Date: November 2016 Pages: 115 Price: US\$ 2,900.00 (Single User License) ID: G87D9890D5DEN

## Abstracts

#### Notes:

Production, means the output of Solid State Batteries

Revenue, means the sales value of Solid State Batteries

This report studies Solid State Batteries in Global market, especially in North America, Europe, China, Japan, Southeast Asia and India, focuses on top manufacturers in global market, with production, price, revenue and market share for each manufacturer, covering

**Cymbet Corporation** 

Robert Bosch GmbH

Stmicroelectronics N.V

Toyota Motor Corporation

Sakti3 Inc.

Brightvolt, Inc.

Excellatron Solid State, LLC

Infinite Power Solution, Inc.



Planar Energy Devices, Inc.

Solid Power, Inc.

Samsung

Kolibri

**EVEREADY** 

Front Edge Technology

ST Microelectronics

**Tokyo Electron Device** 

Hitachi

Idemitsu Kosan

COMSOL

Market Segment by Regions, this report splits Global into several key Regions, with production, consumption, revenue, market share and growth rate of Solid State Batteries in these regions, from 2011 to 2021 (forecast), like

North America Europe China Japan Southeast Asia



Split by product type, with production, revenue, price, market share and growth rate of each type, can be divided into

Type I

Type II

Type III

Split by application, this report focuses on consumption, market share and growth rate of Solid State Batteries in each application, can be divided into

**Consumer Electronics** 

Electric Vehicle

**Energy Harvesting** 

Entertainment

**Medical Devices** 

Packaging

**Portable Devices** 

Smart Cards

Wearable Devices

Wireless Communication



# Contents

Global Solid State Batteries Market Research Report 2016

#### **1 SOLID STATE BATTERIES MARKET OVERVIEW**

- 1.1 Product Overview and Scope of Solid State Batteries
- 1.2 Solid State Batteries Segment by Type
- 1.2.1 Global Production Market Share of Solid State Batteries by Type in 2015
- 1.2.2 Type I
- 1.2.3 Type II
- 1.2.4 Type III
- 1.3 Solid State Batteries Segment by Application
- 1.3.1 Solid State Batteries Consumption Market Share by Application in 2015
- 1.3.2 Consumer Electronics
- 1.3.3 Electric Vehicle
- 1.3.4 Energy Harvesting
- 1.3.5 Entertainment
- 1.3.6 Medical Devices
- 1.3.7 Packaging
- 1.3.8 Portable Devices
- 1.3.9 Smart Cards
- 1.3.10 Wearable Devices
- 1.3.11 Wireless Communication
- 1.4 Solid State Batteries Market by Region
- 1.4.1 North America Status and Prospect (2011-2021)
- 1.4.2 Europe Status and Prospect (2011-2021)
- 1.4.3 China Status and Prospect (2011-2021)
- 1.4.4 Japan Status and Prospect (2011-2021)
- 1.4.5 Southeast Asia Status and Prospect (2011-2021)
- 1.4.6 India Status and Prospect (2011-2021)
- 1.5 Global Market Size (Value) of Solid State Batteries (2011-2021)

## 2 GLOBAL SOLID STATE BATTERIES MARKET COMPETITION BY MANUFACTURERS

2.1 Global Solid State Batteries Production and Share by Manufacturers (2015 and 2016)

2.2 Global Solid State Batteries Revenue and Share by Manufacturers (2015 and 2016)



2.3 Global Solid State Batteries Average Price by Manufacturers (2015 and 2016)

2.4 Manufacturers Solid State Batteries Manufacturing Base Distribution, Sales Area and Product Type

2.5 Solid State Batteries Market Competitive Situation and Trends

2.5.1 Solid State Batteries Market Concentration Rate

2.5.2 Solid State Batteries Market Share of Top 3 and Top 5 Manufacturers

2.5.3 Mergers & Acquisitions, Expansion

## 3 GLOBAL SOLID STATE BATTERIES PRODUCTION, REVENUE (VALUE) BY REGION (2011-2016)

3.1 Global Solid State Batteries Production by Region (2011-2016)

3.2 Global Solid State Batteries Production Market Share by Region (2011-2016)

3.3 Global Solid State Batteries Revenue (Value) and Market Share by Region (2011-2016)

3.4 Global Solid State Batteries Production, Revenue, Price and Gross Margin (2011-2016)

3.5 North America Solid State Batteries Production, Revenue, Price and Gross Margin (2011-2016)

3.6 Europe Solid State Batteries Production, Revenue, Price and Gross Margin (2011-2016)

3.7 China Solid State Batteries Production, Revenue, Price and Gross Margin (2011-2016)

3.8 Japan Solid State Batteries Production, Revenue, Price and Gross Margin (2011-2016)

3.9 Southeast Asia Solid State Batteries Production, Revenue, Price and Gross Margin (2011-2016)

3.10 India Solid State Batteries Production, Revenue, Price and Gross Margin (2011-2016)

## 4 GLOBAL SOLID STATE BATTERIES SUPPLY (PRODUCTION), CONSUMPTION, EXPORT, IMPORT BY REGIONS (2011-2016)

4.1 Global Solid State Batteries Consumption by Regions (2011-2016)

4.2 North America Solid State Batteries Production, Consumption, Export, Import by Regions (2011-2016)

4.3 Europe Solid State Batteries Production, Consumption, Export, Import by Regions (2011-2016)

4.4 China Solid State Batteries Production, Consumption, Export, Import by Regions



(2011-2016)

4.5 Japan Solid State Batteries Production, Consumption, Export, Import by Regions (2011-2016)

4.6 Southeast Asia Solid State Batteries Production, Consumption, Export, Import by Regions (2011-2016)

4.7 India Solid State Batteries Production, Consumption, Export, Import by Regions (2011-2016)

## 5 GLOBAL SOLID STATE BATTERIES PRODUCTION, REVENUE (VALUE), PRICE TREND BY TYPE

5.1 Global Solid State Batteries Production and Market Share by Type (2011-2016)

- 5.2 Global Solid State Batteries Revenue and Market Share by Type (2011-2016)
- 5.3 Global Solid State Batteries Price by Type (2011-2016)
- 5.4 Global Solid State Batteries Production Growth by Type (2011-2016)

## 6 GLOBAL SOLID STATE BATTERIES MARKET ANALYSIS BY APPLICATION

6.1 Global Solid State Batteries Consumption and Market Share by Application (2011-2016)

6.2 Global Solid State Batteries Consumption Growth Rate by Application (2011-2016)

6.3 Market Drivers and Opportunities

- 6.3.1 Potential Applications
- 6.3.2 Emerging Markets/Countries

## 7 GLOBAL SOLID STATE BATTERIES MANUFACTURERS PROFILES/ANALYSIS

7.1 Cymbet Corporation

- 7.1.1 Company Basic Information, Manufacturing Base and Its Competitors
- 7.1.2 Solid State Batteries Product Type, Application and Specification
- 7.1.2.1 Type I
- 7.1.2.2 Type II

7.1.3 Cymbet Corporation Solid State Batteries Production, Revenue, Price and Gross Margin (2015 and 2016)

- 7.1.4 Main Business/Business Overview
- 7.2 Robert Bosch GmbH
  - 7.2.1 Company Basic Information, Manufacturing Base and Its Competitors
  - 7.2.2 Solid State Batteries Product Type, Application and Specification
    - 7.2.2.1 Type I



7.2.2.2 Type II

7.2.3 Robert Bosch GmbH Solid State Batteries Production, Revenue, Price and Gross Margin (2015 and 2016)

7.2.4 Main Business/Business Overview

7.3 Stmicroelectronics N.V

7.3.1 Company Basic Information, Manufacturing Base and Its Competitors

7.3.2 Solid State Batteries Product Type, Application and Specification

7.3.2.1 Type I

7.3.2.2 Type II

7.3.3 Stmicroelectronics N.V Solid State Batteries Production, Revenue, Price and Gross Margin (2015 and 2016)

7.3.4 Main Business/Business Overview

7.4 Toyota Motor Corporation

7.4.1 Company Basic Information, Manufacturing Base and Its Competitors

7.4.2 Solid State Batteries Product Type, Application and Specification

7.4.2.1 Type I

7.4.2.2 Type II

7.4.3 Toyota Motor Corporation Solid State Batteries Production, Revenue, Price and Gross Margin (2015 and 2016)

7.4.4 Main Business/Business Overview

7.5 Sakti3 Inc.

7.5.1 Company Basic Information, Manufacturing Base and Its Competitors

7.5.2 Solid State Batteries Product Type, Application and Specification

7.5.2.1 Type I

7.5.2.2 Type II

7.5.3 Sakti3 Inc. Solid State Batteries Production, Revenue, Price and Gross Margin (2015 and 2016)

7.5.4 Main Business/Business Overview

7.6 Brightvolt, Inc.

7.6.1 Company Basic Information, Manufacturing Base and Its Competitors

7.6.2 Solid State Batteries Product Type, Application and Specification

7.6.2.1 Type I

7.6.2.2 Type II

7.6.3 Brightvolt, Inc. Solid State Batteries Production, Revenue, Price and Gross Margin (2015 and 2016)

7.6.4 Main Business/Business Overview

7.7 Excellatron Solid State, LLC

7.7.1 Company Basic Information, Manufacturing Base and Its Competitors

7.7.2 Solid State Batteries Product Type, Application and Specification



7.7.2.1 Type I

7.7.2.2 Type II

7.7.3 Excellatron Solid State, LLC Solid State Batteries Production, Revenue, Price and Gross Margin (2015 and 2016)

7.7.4 Main Business/Business Overview

7.8 Infinite Power Solution, Inc.

7.8.1 Company Basic Information, Manufacturing Base and Its Competitors

7.8.2 Solid State Batteries Product Type, Application and Specification

7.8.2.1 Type I

7.8.2.2 Type II

7.8.3 Infinite Power Solution, Inc. Solid State Batteries Production, Revenue, Price and Gross Margin (2015 and 2016)

7.8.4 Main Business/Business Overview

7.9 Planar Energy Devices, Inc.

7.9.1 Company Basic Information, Manufacturing Base and Its Competitors

7.9.2 Solid State Batteries Product Type, Application and Specification

7.9.2.1 Type I

7.9.2.2 Type II

7.9.3 Planar Energy Devices, Inc. Solid State Batteries Production, Revenue, Price and Gross Margin (2015 and 2016)

7.9.4 Main Business/Business Overview

7.10 Solid Power, Inc.

7.10.1 Company Basic Information, Manufacturing Base and Its Competitors

7.10.2 Solid State Batteries Product Type, Application and Specification

7.10.2.1 Type I

7.10.2.2 Type II

7.10.3 Solid Power, Inc. Solid State Batteries Production, Revenue, Price and Gross Margin (2015 and 2016)

7.10.4 Main Business/Business Overview

7.11 Samsung

7.12 Kolibri

- 7.13 EVEREADY
- 7.14 Front Edge Technology
- 7.15 ST Microelectronics
- 7.16 Tokyo Electron Device
- 7.17 Hitachi
- 7.18 Idemitsu Kosan

7.19 COMSOL



#### **8 SOLID STATE BATTERIES MANUFACTURING COST ANALYSIS**

- 8.1 Solid State Batteries Key Raw Materials Analysis
  - 8.1.1 Key Raw Materials
  - 8.1.2 Price Trend of Key Raw Materials
  - 8.1.3 Key Suppliers of Raw Materials
- 8.1.4 Market Concentration Rate of Raw Materials
- 8.2 Proportion of Manufacturing Cost Structure
- 8.2.1 Raw Materials
- 8.2.2 Labor Cost
- 8.2.3 Manufacturing Expenses
- 8.3 Manufacturing Process Analysis of Solid State Batteries

#### 9 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

- 9.1 Solid State Batteries Industrial Chain Analysis
- 9.2 Upstream Raw Materials Sourcing
- 9.3 Raw Materials Sources of Solid State Batteries Major Manufacturers in 2015
- 9.4 Downstream Buyers

#### **10 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS**

- 10.1 Marketing Channel
  - 10.1.1 Direct Marketing
  - 10.1.2 Indirect Marketing
- 10.1.3 Marketing Channel Development Trend
- 10.2 Market Positioning
  - 10.2.1 Pricing Strategy
  - 10.2.2 Brand Strategy
  - 10.2.3 Target Client
- 10.3 Distributors/Traders List

#### 11 MARKET EFFECT FACTORS ANALYSIS

- 11.1 Technology Progress/Risk
- 11.1.1 Substitutes Threat
- 11.1.2 Technology Progress in Related Industry
- 11.2 Consumer Needs/Customer Preference Change
- 11.3 Economic/Political Environmental Change



#### 12 GLOBAL SOLID STATE BATTERIES MARKET FORECAST (2016-2021)

12.1 Global Solid State Batteries Production, Revenue Forecast (2016-2021)

12.2 Global Solid State Batteries Production, Consumption Forecast by Regions (2016-2021)

12.3 Global Solid State Batteries Production Forecast by Type (2016-2021)

12.4 Global Solid State Batteries Consumption Forecast by Application (2016-2021)

12.5 Solid State Batteries Price Forecast (2016-2021)

#### **13 RESEARCH FINDINGS AND CONCLUSION**

#### **14 APPENDIX**

Disclosure Section Research Methodology Data Source China Disclaimer



# **List Of Tables**

#### LIST OF TABLES AND FIGURES

Figure Picture of Solid State Batteries Figure Global Production Market Share of Solid State Batteries by Type in 2015 Figure Product Picture of Type I Table Major Manufacturers of Type I Figure Product Picture of Type II Table Major Manufacturers of Type II Figure Product Picture of Type III Table Major Manufacturers of Type III Table Solid State Batteries Consumption Market Share by Application in 2015 Figure Consumer Electronics Examples Figure Electric Vehicle Examples Figure Energy Harvesting Examples Figure Entertainment Examples Figure Medical Devices Examples Figure Packaging Examples Figure Portable Devices Examples Figure Smart Cards Examples Figure Wearable Devices Examples Figure Wireless Communication Examples Figure North America Solid State Batteries Revenue (Million USD) and Growth Rate (2011 - 2021)Figure Europe Solid State Batteries Revenue (Million USD) and Growth Rate (2011 - 2021)Figure China Solid State Batteries Revenue (Million USD) and Growth Rate (2011 - 2021)Figure Japan Solid State Batteries Revenue (Million USD) and Growth Rate (2011 - 2021)Figure Southeast Asia Solid State Batteries Revenue (Million USD) and Growth Rate (2011 - 2021)Figure India Solid State Batteries Revenue (Million USD) and Growth Rate (2011-2021) Figure Global Solid State Batteries Revenue (Million UDS) and Growth Rate (2011 - 2021)Table Global Solid State Batteries Capacity of Key Manufacturers (2015 and 2016) Table Global Solid State Batteries Capacity Market Share by Manufacturers (2015 and

2016)



Figure Global Solid State Batteries Capacity of Key Manufacturers in 2015 Figure Global Solid State Batteries Capacity of Key Manufacturers in 2016 Table Global Solid State Batteries Production of Key Manufacturers (2015 and 2016) Table Global Solid State Batteries Production Share by Manufacturers (2015 and 2016) Figure 2015 Solid State Batteries Production Share by Manufacturers Figure 2016 Solid State Batteries Production Share by Manufacturers Table Global Solid State Batteries Revenue (Million USD) by Manufacturers (2015 and 2016) Table Global Solid State Batteries Revenue Share by Manufacturers (2015 and 2016) Table 2015 Global Solid State Batteries Revenue Share by Manufacturers Table 2016 Global Solid State Batteries Revenue Share by Manufacturers Table 2016 Global Solid State Batteries Revenue Share by Manufacturers

Table Global Market Solid State Batteries Average Price of Key Manufacturers (2015 and 2016)

Figure Global Market Solid State Batteries Average Price of Key Manufacturers in 2015 Table Manufacturers Solid State Batteries Manufacturing Base Distribution and Sales Area

Table Manufacturers Solid State Batteries Product Type

Figure Solid State Batteries Market Share of Top 3 Manufacturers

Figure Solid State Batteries Market Share of Top 5 Manufacturers

Table Global Solid State Batteries Capacity by Regions (2011-2016)

Figure Global Solid State Batteries Capacity Market Share by Regions (2011-2016)

Figure Global Solid State Batteries Capacity Market Share by Regions (2011-2016)

Figure 2015 Global Solid State Batteries Capacity Market Share by Regions

Table Global Solid State Batteries Production by Regions (2011-2016)

Figure Global Solid State Batteries Production and Market Share by Regions (2011-2016)

Figure Global Solid State Batteries Production Market Share by Regions (2011-2016) Figure 2015 Global Solid State Batteries Production Market Share by Regions Table Global Solid State Batteries Revenue by Regions (2011-2016)

Table Global Solid State Batteries Revenue Market Share by Regions (2011-2016)Table 2015 Global Solid State Batteries Revenue Market Share by Regions

Table Global Solid State Batteries Production, Revenue, Price and Gross Margin (2011-2016)

Table North America Solid State Batteries Production, Revenue, Price and Gross Margin (2011-2016)

Table Europe Solid State Batteries Production, Revenue, Price and Gross Margin (2011-2016)

Table China Solid State Batteries Production, Revenue, Price and Gross Margin (2011-2016)



Table Japan Solid State Batteries Production, Revenue, Price and Gross Margin (2011-2016)

Table Southeast Asia Solid State Batteries Production, Revenue, Price and Gross Margin (2011-2016)

Table India Solid State Batteries Production, Revenue, Price and Gross Margin (2011-2016)

Table Global Solid State Batteries Consumption Market by Regions (2011-2016) Table Global Solid State Batteries Consumption Market Share by Regions (2011-2016) Figure Global Solid State Batteries Consumption Market Share by Regions (2011-2016) Figure 2015 Global Solid State Batteries Consumption Market Share by Regions Table North America Solid State Batteries Production, Consumption, Import & Export (2011-2016)

Table Europe Solid State Batteries Production, Consumption, Import & Export (2011-2016)

Table China Solid State Batteries Production, Consumption, Import & Export (2011-2016)

Table Japan Solid State Batteries Production, Consumption, Import & Export (2011-2016)

Table Southeast Asia Solid State Batteries Production, Consumption, Import & Export (2011-2016)

Table India Solid State Batteries Production, Consumption, Import & Export (2011-2016)

Table Global Solid State Batteries Production by Type (2011-2016)

Table Global Solid State Batteries Production Share by Type (2011-2016)

Figure Production Market Share of Solid State Batteries by Type (2011-2016)

Figure 2015 Production Market Share of Solid State Batteries by Type

Table Global Solid State Batteries Revenue by Type (2011-2016)

Table Global Solid State Batteries Revenue Share by Type (2011-2016)

Figure Production Revenue Share of Solid State Batteries by Type (2011-2016)

Figure 2015 Revenue Market Share of Solid State Batteries by Type

Table Global Solid State Batteries Price by Type (2011-2016)

Figure Global Solid State Batteries Production Growth by Type (2011-2016)

Table Global Solid State Batteries Consumption by Application (2011-2016)

Table Global Solid State Batteries Consumption Market Share by Application (2011-2016)

Figure Global Solid State Batteries Consumption Market Share by Application in 2015 Table Global Solid State Batteries Consumption Growth Rate by Application (2011-2016)

Figure Global Solid State Batteries Consumption Growth Rate by Application



(2011-2016)

Table Cymbet Corporation Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Cymbet Corporation Solid State Batteries Production, Revenue, Price and Gross Margin (2011-2016)

Figure Cymbet Corporation Solid State Batteries Market Share (2011-2016)

Table Robert Bosch GmbH Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Robert Bosch GmbH Solid State Batteries Production, Revenue, Price and Gross Margin (2011-2016)

Figure Robert Bosch GmbH Solid State Batteries Market Share (2011-2016)

Table Stmicroelectronics N.V Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Stmicroelectronics N.V Solid State Batteries Production, Revenue, Price and Gross Margin (2011-2016)

Figure Stmicroelectronics N.V Solid State Batteries Market Share (2011-2016)

Table Toyota Motor Corporation Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Toyota Motor Corporation Solid State Batteries Production, Revenue, Price and Gross Margin (2011-2016)

Figure Toyota Motor Corporation Solid State Batteries Market Share (2011-2016)

Table Sakti3 Inc. Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Sakti3 Inc. Solid State Batteries Production, Revenue, Price and Gross Margin (2011-2016)

Figure Sakti3 Inc. Solid State Batteries Market Share (2011-2016)

Table Brightvolt, Inc. Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Brightvolt, Inc. Solid State Batteries Production, Revenue, Price and Gross Margin (2011-2016)

Figure Brightvolt, Inc. Solid State Batteries Market Share (2011-2016)

Table Excellatron Solid State, LLC Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Excellatron Solid State, LLC Solid State Batteries Production, Revenue, Price and Gross Margin (2011-2016)

Figure Excellatron Solid State, LLC Solid State Batteries Market Share (2011-2016) Table Infinite Power Solution, Inc. Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Infinite Power Solution, Inc. Solid State Batteries Production, Revenue, Price and



Gross Margin (2011-2016)

Figure Infinite Power Solution, Inc. Solid State Batteries Market Share (2011-2016) Table Planar Energy Devices, Inc. Basic Information, Manufacturing Base, Sales Area

and Its Competitors

Table Planar Energy Devices, Inc. Solid State Batteries Production, Revenue, Price and Gross Margin (2011-2016)

Figure Planar Energy Devices, Inc. Solid State Batteries Market Share (2011-2016) Table Solid Power, Inc. Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Solid Power, Inc. Solid State Batteries Production, Revenue, Price and Gross Margin (2011-2016)

Figure Solid Power, Inc. Solid State Batteries Market Share (2011-2016)

Table Production Base and Market Concentration Rate of Raw Material

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Solid State Batteries

Figure Manufacturing Process Analysis of Solid State Batteries

Figure Solid State Batteries Industrial Chain Analysis

Table Raw Materials Sources of Solid State Batteries Major Manufacturers in 2015

Table Major Buyers of Solid State Batteries

Table Distributors/Traders List

Figure Global Solid State Batteries Production and Growth Rate Forecast (2016-2021)

Figure Global Solid State Batteries Revenue and Growth Rate Forecast (2016-2021)

Table Global Solid State Batteries Production Forecast by Regions (2016-2021)

Table Global Solid State Batteries Consumption Forecast by Regions (2016-2021)

Table Global Solid State Batteries Production Forecast by Type (2016-2021)

Table Global Solid State Batteries Consumption Forecast by Application (2016-2021)



#### I would like to order

Product name: Global Solid State Batteries Market Research Report 2016 Product link: <u>https://marketpublishers.com/r/G87D9890D5DEN.html</u>

> Price: US\$ 2,900.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: <u>info@marketpublishers.com</u>

### Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/G87D9890D5DEN.html</u>

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 <u>https://marketpublishers.com/docs/terms.html</u>

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