

# Global Superconducting Magnetic Energy Storage (SMES) Systems Market Data Survey Report 2025

<https://marketpublishers.com/r/G78F034559FEN.html>

Date: October 2017

Pages: 85

Price: US\$ 1,500.00 (Single User License)

ID: G78F034559FEN

## Abstracts

### SUMMARY

Superconducting Magnetic Energy Storage (SMES) systems store energy in the magnetic field created by the flow of direct current in a superconducting coil which has been cryogenically cooled to a temperature below its superconducting critical temperature. A typical SMES system includes three parts: superconducting coil, power conditioning system and cryogenically cooled refrigerator. Once the superconducting coil is charged, the current will not decay and the magnetic energy can be stored indefinitely

The global Superconducting Magnetic Energy Storage (SMES) Systems market will reach Volume Million USD in 2017 with CAGR xx% 2018-2025. The main contents of the report including:

Global market size and forecast

Regional market size, production data and export & import

Key manufacturers (manufacturing sites, capacity and production, product specifications etc.)

Average market price by SUK

### MAJOR APPLICATIONS

Key manufacturers are included based on manufacturing sites, capacity and production,

product specifications etc.:

Super Power Inc

American Superconductor Corporation

Bruker Energy & Supercon Technologies

Fujikura

Hyper Tech Research

Southwire Company

Sumitomo Electric Industries,

General Cable Superconductors.

Nexans SA

ASG Superconductors SpA

Luvata U.K.

SuNam

Superconductor Technologies Inc

## **MAJOR APPLICATIONS AS FOLLOWS:**

Power System

Industrial Use

Research Institution

Others

Regional market size, production data and export & import:

Asia-Pacific

North America

Europe

South America

Middle East & Africa

## Contents

### **1 GLOBAL MARKET OVERVIEW**

- 1.1 Scope of Statistics
  - 1.1.1 Scope of Products
  - 1.1.2 Scope of Manufacturers
  - 1.1.3 Scope of Application
  - 1.1.4 Scope of Regions/Countries
- 1.2 Global Market Size

### **2 REGIONAL MARKET**

- 2.1 Regional Production
- 2.2 Regional Demand
- 2.3 Regional Trade

### **3 KEY MANUFACTURERS**

- 3.1 Super Power Inc
  - 3.1.1 Company Information
  - 3.1.2 Product Specifications
  - 3.1.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 3.2 American Superconductor Corporation
  - 3.2.1 Company Information
  - 3.2.2 Product Specifications
  - 3.2.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 3.3 Bruker Energy & Supercon Technologies
  - 3.3.1 Company Information
  - 3.3.2 Product Specifications
  - 3.3.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 3.4 Fujikura
  - 3.4.1 Company Information
  - 3.4.2 Product Specifications
  - 3.4.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 3.5 Hyper Tech Research
  - 3.5.1 Company Information
  - 3.5.2 Product Specifications
  - 3.5.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

- 3.6 Southwire Company
  - 3.6.1 Company Information
  - 3.6.2 Product Specifications
  - 3.6.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 3.7 Sumitomo Electric Industries,
  - 3.7.1 Company Information
  - 3.7.2 Product Specifications
  - 3.7.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 3.8 General Cable Superconductors.
  - 3.8.1 Company Information
  - 3.8.2 Product Specifications
  - 3.8.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 3.9 Nexans SA
  - 3.9.1 Company Information
  - 3.9.2 Product Specifications
  - 3.9.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 3.10 ASG Superconductors SpA
  - 3.10.1 Company Information
  - 3.10.2 Product Specifications
  - 3.10.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 3.11 Luvata U.K.
- 3.12 SuNam
- 3.13 Superconductor Technologies Inc

## **4 MAJOR APPLICATION**

- 4.1 Power System
  - 4.1.1 Overview
  - 4.1.2 Power System Market Size and Forecast
- 4.2 Industrial Use
  - 4.2.1 Overview
  - 4.2.2 Industrial Use Market Size and Forecast
- 4.3 Research Institution
  - 4.3.1 Overview
  - 4.3.2 Research Institution Market Size and Forecast
- 4.4 Others
  - 4.4.1 Overview
  - 4.4.2 Others Market Size and Forecast

## **5 MARKET PRICE**

5.1 Overview

5.2 Price by SUK

## **6 CONCLUSION**

## List Of Tables

### LIST OF TABLES

- Tab Regional Production 2011-2017 (Value)
- Tab Regional Production 2011-2017 (Volume)
- Tab Regional Demand and CAGR 2011-2017 (Value)
- Tab Regional Demand and CAGR 2011-2017 (Volume)
- Tab Regional Demand Forecast and CAGR 2018-2025 (Value)
- Tab Regional Demand Forecast and CAGR 2018-2025 (Volume)
- Tab Regional Export 2011-2017 (Value)
- Tab Regional Export 2011-2017 (Volume)
- Tab Regional Import 2011-2017 (Value)
- Tab Regional Import 2011-2017 (Volume)
- Tab Sales Revenue, Volume, Price, Cost and Margin of Super Power Inc
- Tab Sales Revenue, Volume, Price, Cost and Margin of American Superconductor Corporation
- Tab Sales Revenue, Volume, Price, Cost and Margin of Bruker Energy & Supercon Technologies
- Tab Sales Revenue, Volume, Price, Cost and Margin of Fujikura
- Tab Sales Revenue, Volume, Price, Cost and Margin of Hyper Tech Research
- Tab Sales Revenue, Volume, Price, Cost and Margin of Southwire Company
- Tab Sales Revenue, Volume, Price, Cost and Margin of Sumitomo Electric Industries,
- Tab Sales Revenue, Volume, Price, Cost and Margin of General Cable Superconductors.
- Tab Sales Revenue, Volume, Price, Cost and Margin of Nexans SA
- Tab Sales Revenue, Volume, Price, Cost and Margin of ASG Superconductors SpA
- Tab Sales Revenue, Volume, Price, Cost and Margin of Luvata U.K.
- Tab Sales Revenue, Volume, Price, Cost and Margin of SuNam
- Tab Sales Revenue, Volume, Price, Cost and Margin of Superconductor Technologies Inc
- Tab Market Price by Region
- Tab Market Price by Manufacturers
- Tab Market Price by Application
- Tab Price by SUK (Popular Goods on the Market)

## List Of Figures

### LIST OF FIGURES

Fig Global Superconducting Magnetic Energy Storage (SMES) Systems Market Size and CAGR 2011-2017 (Value)

Fig Global Superconducting Magnetic Energy Storage (SMES) Systems Market Size and CAGR 2011-2017 (Volume)

Fig Global Superconducting Magnetic Energy Storage (SMES) Systems Market Forecast and CAGR 2018-2025 (Value)

Fig Global Superconducting Magnetic Energy Storage (SMES) Systems Market Forecast and CAGR 2018-2025 (Volume)

Fig Power System Market Size and CAGR 2011-2017 (Value)

Fig Power System Market Size and CAGR 2011-2017 (Volume)

Fig Power System Market Forecast and CAGR 2018-2025 (Value)

Fig Power System Market Forecast and CAGR 2018-2025 (Volume)

Fig Industrial Use Market Size and CAGR 2011-2017 (Value)

Fig Industrial Use Market Size and CAGR 2011-2017 (Volume)

Fig Industrial Use Market Forecast and CAGR 2018-2025 (Value)

Fig Industrial Use Market Forecast and CAGR 2018-2025 (Volume)

Fig Research Institution Market Size and CAGR 2011-2017 (Value)

Fig Research Institution Market Size and CAGR 2011-2017 (Volume)

Fig Research Institution Market Forecast and CAGR 2018-2025 (Value)

Fig Research Institution Market Forecast and CAGR 2018-2025 (Volume)

Fig Others Market Size and CAGR 2011-2017 (Value)

Fig Others Market Size and CAGR 2011-2017 (Volume)

Fig Others Market Forecast and CAGR 2018-2025 (Value)

Fig Others Market Forecast and CAGR 2018-2025 (Volume)

Fig Global Market Price 2011-2017

Fig Global Market Price 2018-2025



## I would like to order

Product name: Global Superconducting Magnetic Energy Storage (SMES) Systems Market Data Survey Report 2025

Product link: <https://marketpublishers.com/r/G78F034559FEN.html>

Price: US\$ 1,500.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G78F034559FEN.html>

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**

Customer signature \_\_\_\_\_

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

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

