

# **2017-2025 World Superconducting Magnetic Energy Storage (SMES) Systems Market Research Report (by Product Type, End-User/Application and Regions/Countries)**

<https://marketpublishers.com/r/299BA7D8EE8EN.html>

Date: December 2019

Pages: 113

Price: US\$ 2,800.00 (Single User License)

ID: 299BA7D8EE8EN

## **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

This report includes market status and forecast of global and major regions, with introduction of vendors, regions, product types and end industries; and this report counts product types and end industries in global and major regions.

The report includes as follows:

The report provides current data, historical overview and future forecast.

The report includes an in-depth analysis of the Global market for Superconducting Magnetic Energy Storage (SMES) Systems , covering Global total and major region markets.

The data of 2017-2025 are included. All-inclusive market are given through data on sales, consumption, and prices (Global total and by major regions).

The report provides introduction of leading Global manufacturers.

Superconducting Magnetic Energy Storage (SMES) Systems market prospects to 2025 are included (in sales, consumption and price).

Market Segment as follows:

By Region / Countries

North America (U.S., Canada, Mexico)

Europe (Germany, U.K., France, Italy, Russia, Spain etc)

Asia-Pacific (China, India, Japan, Southeast Asia etc)

South America (Brazil, Argentina etc)

Middle East & Africa (Saudi Arabia, South Africa etc)

By Type

Low Temperature SMES

High Temperature SMES

By End-User / Application

Power System

Industrial Use

Research Institution

Others

By Company

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

## Contents

### **1 MARKET DEFINITION**

- 1.1 Market Segment Overview
- 1.2 by Type
- 1.3 by End-Use / Application

### **2 GLOBAL MARKET BY VENDORS**

- 2.1 Market Share
- 2.2 Vendor Profile
- 2.3 Dynamic of Vendors

### **3 GLOBAL MARKET BY TYPE**

- 3.1 Market Share
- 3.2 Introduction of End-Use by Different Products

### **4 GLOBAL MARKET BY END-USE / APPLICATION**

- 4.1 Market Share
- 4.2 Overview of Consumption Characteristics
  - 4.2.1 Preference Driven
  - 4.2.2 Substitutability
  - 4.2.3 Influence by Strategy
  - 4.2.4 Professional Needs

### **5 GLOBAL MARKET BY REGIONS**

- 5.1 Market Share
- 5.2 Regional Market Growth
  - 5.2.1 North America
  - 5.2.2 Europe
  - 5.2.3 Asia-Pacific
  - 5.2.4 South America
  - 5.2.5 Middle East & Africa

### **6 NORTH AMERICA MARKET**

6.1 by Type

6.2 by End-Use / Application

6.3 by Regions

## **7 EUROPE MARKET**

7.1 by Type

7.2 by End-Use / Application

7.3 by Regions

## **8 ASIA-PACIFIC MARKET**

8.1 by Type

8.2 by End-Use / Application

8.3 by Regions

## **9 SOUTH AMERICA MARKET**

9.1 by Type

9.2 by End-Use / Application

9.3 by Regions

## **10 MIDDLE EAST & AFRICA MARKET**

10.1 by Type

10.2 by End-Use / Application

10.3 by Regions

## **11 MARKET FORECAST**

11.1 Global Market Forecast (2020-2025)

11.2 Market Forecast by Regions (2020-2025)

11.3 Market Forecast by Type (2020-2025)

11.4 Market Forecast by End-Use / Application (2020-2025)

## **12 KEY MANUFACTURERS**

### **12.LOCKHEED MARTIN SUPER POWER INC**

- 12.1.2 Company Overview
- 12.1.2 Product and End-User / Application
- 12.1.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 12.2 American Superconductor Corporation
- 12.3 Bruker Energy & Supercon Technologies
- 12.4 Fujikura
- 12.5 Hyper Tech Research
- 12.6 Southwire Company
- 12.7 Sumitomo Electric Industries,
- 12.8 General Cable Superconductors.
- 12.9 Nexans SA
- 12.10 ASG Superconductors SpA
- 12.11 Luvata U.K.
- 12.12 SuNam
- 12.13 Superconductor Technologies Inc

## **13 PRICE OVERVIEW**

- 13.1 Price Segment
- 13.2 Price Trend

## **14 RESEARCH CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table Global Superconducting Magnetic Energy Storage (SMES) Systems Market and Growth by Type

Table Global Superconducting Magnetic Energy Storage (SMES) Systems Market and Growth by End-Use / Application

Table Global Superconducting Magnetic Energy Storage (SMES) Systems Revenue (Million USD) by Vendors (2017-2019)

Table Global Superconducting Magnetic Energy Storage (SMES) Systems Revenue Share by Vendors (2017-2019)

Table Global Superconducting Magnetic Energy Storage (SMES) Systems Market Volume (Volume) by Vendors (2017-2019)

Table Global Superconducting Magnetic Energy Storage (SMES) Systems Market Volume Share by Vendors (2017-2019)

Table Headquarter, Factories & Sales Regions Comparison of Vendors

Table Product List of Vendors

Table Global Superconducting Magnetic Energy Storage (SMES) Systems Market (Million USD) by Type (2017-2019)

Table Global Superconducting Magnetic Energy Storage (SMES) Systems Market Share by Type (2017-2019)

Table Global Superconducting Magnetic Energy Storage (SMES) Systems Market Volume (Volume) by Type (2017-2019)

Table Global Superconducting Magnetic Energy Storage (SMES) Systems Market Volume Share by Type (2017-2019)

Table Global Superconducting Magnetic Energy Storage (SMES) Systems Market (Million USD) by End-Use / Application (2017-2019)

Table Global Superconducting Magnetic Energy Storage (SMES) Systems Market Share by End-Use / Application (2017-2019)

Table Global Superconducting Magnetic Energy Storage (SMES) Systems Market Volume (Volume) by End-Use / Application (2017-2019)

Table Global Superconducting Magnetic Energy Storage (SMES) Systems Market Volume Share by End-Use / Application (2017-2019)

Table Global Superconducting Magnetic Energy Storage (SMES) Systems Market (Million USD) by Regions (2017-2019)

Table Global Superconducting Magnetic Energy Storage (SMES) Systems Market Share by Regions (2017-2019)

Table Global Superconducting Magnetic Energy Storage (SMES) Systems Market

Volume (Volume) by Regions (2017-2019)  
Table Global Superconducting Magnetic Energy Storage (SMES) Systems Market Volume Share by Regions (2017-2019)  
Table North America Superconducting Magnetic Energy Storage (SMES) Systems Market (Million USD) by Type (2017-2019)  
Table North America Superconducting Magnetic Energy Storage (SMES) Systems Market Share by Type (2017-2019)  
Table North America Superconducting Magnetic Energy Storage (SMES) Systems Market (Million USD) by End-Use / Application (2017-2019)  
Table North America Superconducting Magnetic Energy Storage (SMES) Systems Market Share by End-Use / Application (2017-2019)  
Table North America Superconducting Magnetic Energy Storage (SMES) Systems Market (Million USD) by Regions (2017-2019)  
Table North America Superconducting Magnetic Energy Storage (SMES) Systems Market Share by Regions (2017-2019)  
Table Europe Superconducting Magnetic Energy Storage (SMES) Systems Market (Million USD) by Type (2017-2019)  
Table Europe Superconducting Magnetic Energy Storage (SMES) Systems Market Share by Type (2017-2019)  
Table Europe Superconducting Magnetic Energy Storage (SMES) Systems Market (Million USD) by End-Use / Application (2017-2019)  
Table Europe Superconducting Magnetic Energy Storage (SMES) Systems Market Share by End-Use / Application (2017-2019)  
Table Europe Superconducting Magnetic Energy Storage (SMES) Systems Market (Million USD) by Regions (2017-2019)  
Table Europe Superconducting Magnetic Energy Storage (SMES) Systems Market Share by Regions (2017-2019)  
Table Asia-Pacific Superconducting Magnetic Energy Storage (SMES) Systems Market (Million USD) by Type (2017-2019)  
Table Asia-Pacific Superconducting Magnetic Energy Storage (SMES) Systems Market Share by Type (2017-2019)  
Table Asia-Pacific Superconducting Magnetic Energy Storage (SMES) Systems Market (Million USD) by End-Use / Application (2017-2019)  
Table Asia-Pacific Superconducting Magnetic Energy Storage (SMES) Systems Market Share by End-Use / Application (2017-2019)  
Table Asia-Pacific Superconducting Magnetic Energy Storage (SMES) Systems Market (Million USD) by Regions (2017-2019)  
Table Asia-Pacific Superconducting Magnetic Energy Storage (SMES) Systems Market Share by Regions (2017-2019)



Table South America Superconducting Magnetic Energy Storage (SMES) Systems Market (Million USD) by Type (2017-2019)

Table South America Superconducting Magnetic Energy Storage (SMES) Systems Market Share by Type (2017-2019)

Table South America Superconducting Magnetic Energy Storage (SMES) Systems Market (Million USD) by End-Use / Application (2017-2019)

Table South America Superconducting Magnetic Energy Storage (SMES) Systems Market Share by End-Use / Application (2017-2019)

Table South America Superconducting Magnetic Energy Storage (SMES) Systems Market (Million USD) by Regions (2017-2019)

Table Middle East & Africa Superconducting Magnetic Energy Storage (SMES) Systems Market Share by Regions (2017-2019)

Table Middle East & Africa Superconducting Magnetic Energy Storage (SMES) Systems Market (Million USD) by Type (2017-2019)

Table Middle East & Africa Superconducting Magnetic Energy Storage (SMES) Systems Market Share by Type (2017-2019)

Table Middle East & Africa Superconducting Magnetic Energy Storage (SMES) Systems Market (Million USD) by End-Use / Application (2017-2019)

Table Middle East & Africa Superconducting Magnetic Energy Storage (SMES) Systems Market Share by End-Use / Application (2017-2019)

Table Middle East & Africa Superconducting Magnetic Energy Storage (SMES) Systems Market (Million USD) by Regions (2017-2019)

Table Middle East & Africa Superconducting Magnetic Energy Storage (SMES) Systems Market Share by Regions (2017-2019)

Table Global Superconducting Magnetic Energy Storage (SMES) Systems Market (Million USD) Forecast by Regions (2020-2025)

Table Global Superconducting Magnetic Energy Storage (SMES) Systems Market Share Forecast by Regions (2020-2025)

Table Global Superconducting Magnetic Energy Storage (SMES) Systems Market Volume (Volume) Forecast by Regions (2020-2025)

Table Global Superconducting Magnetic Energy Storage (SMES) Systems Market Volume Share Forecast by Regions (2020-2025)

Table Global Superconducting Magnetic Energy Storage (SMES) Systems Market (Million USD) Forecast by Type (2020-2025)

Table Global Superconducting Magnetic Energy Storage (SMES) Systems Market Share by Forecast Type (2020-2025)

Table Global Superconducting Magnetic Energy Storage (SMES) Systems Market (Million USD) Forecast by End-Use / Application (2020-2025)

Table Global Superconducting Magnetic Energy Storage (SMES) Systems Market

Share Forecast by End-Use / Application (2020-2025)

Table Sales Revenue, Volume, Price, Cost and Margin of Super Power Inc

Table Sales Revenue, Volume, Price, Cost and Margin of American Superconductor Corporation

Table Sales Revenue, Volume, Price, Cost and Margin of Bruker Energy & Supercon Technologies

Table Sales Revenue, Volume, Price, Cost and Margin of Fujikura

Table Sales Revenue, Volume, Price, Cost and Margin of Hyper Tech Research

Table Sales Revenue, Volume, Price, Cost and Margin of Southwire Company

Table Sales Revenue, Volume, Price, Cost and Margin of Sumitomo Electric Industries,

Table Sales Revenue, Volume, Price, Cost and Margin of General Cable Superconductors.

Table Sales Revenue, Volume, Price, Cost and Margin of Nexans SA

Table Sales Revenue, Volume, Price, Cost and Margin of ASG Superconductors SpA

Table Sales Revenue, Volume, Price, Cost and Margin of Luvata U.K.

Table Sales Revenue, Volume, Price, Cost and Margin of SuNam

Table Sales Revenue, Volume, Price, Cost and Margin of Superconductor Technologies Inc

## List Of Figures

### LIST OF FIGURES

Figure Global Superconducting Magnetic Energy Storage (SMES) Systems Market Size (Million USD) 2017-2025

Figure North America Market Growth 2015-2018

Figure Europe Market Growth 2017-2019

Figure Asia-Pacific Market Growth 2017-2019

Figure South America Market Growth 2017-2019

Figure Middle East & Africa Market Growth 2017-2019

Figure Global Superconducting Magnetic Energy Storage (SMES) Systems Market (Million USD) and Growth Forecast (2020-2025)

Figure Global Superconducting Magnetic Energy Storage (SMES) Systems Market Volume (Volume) and Growth Forecast (2020-2025)

## I would like to order

Product name: 2017-2025 World Superconducting Magnetic Energy Storage (SMES) Systems Market Research Report (by Product Type, End-User/Application and Regions/Countries)

Product link: <https://marketpublishers.com/r/299BA7D8EE8EN.html>

Price: US\$ 2,800.00 (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/299BA7D8EE8EN.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

