

Global and United States Superconducting Magnetic Energy Storage (SMES) Systems Market Research by Company, Type & Application 2013-2025

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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

Market Segment as follows:

By Type

Low Temperature SMES

High Temperature SMES

By 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

The main contents of the report including:

Section 1:

Product definition, type and application, global and United States market overview;

Section 2:

Global and United States Market competition by company;

Section 3:

Global and United States sales revenue, volume and price by type;

Section 4:

Global and United States sales revenue, volume and price by application;

Section 5:

United States 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 Low Temperature SMES
 - 1.1.2.2 High Temperature SMES
 - 1.1.3 Market by Application
 - 1.1.3.1 Power System
 - 1.1.3.2 Industrial Use
 - 1.1.3.3 Research Institution
 - 1.1.3.4 Others
- 1.2 Global and Regional Market Size
 - 1.2.1 Global Overview
 - 1.2.2 United States Overview

2 GLOBAL AND REGIONAL MARKET BY COMPANY

- 2.1 Global
 - 2.1.1 Global Sales by Company
 - 2.1.2 Global Price by Company
- 2.2 United States
 - 2.2.1 United States Sales by Company
 - 2.2.2 United States Price by Company

3 GLOBAL AND REGIONAL MARKET BY TYPE

- 3.1 Global
 - 3.1.1 Global Sales by Type
 - 3.1.2 Global Price by Type
- 3.2 United States
 - 3.2.1 United States Sales by Type
 - 3.2.2 United States Price by Type

4 GLOBAL AND REGIONAL MARKET BY APPLICATION

- 4.1 Global

- 4.1.1 Global Sales by Application
- 4.1.2 Global Price by Application
- 4.2 United States
 - 4.2.1 United States Sales by Application
 - 4.2.2 United States Price by Application

5 REGIONAL TRADE

- 5.1 Export
- 5.2 Import

6 KEY MANUFACTURERS

- 6.1 Super Power Inc
 - 6.1.2 Company Information
 - 6.1.2 Product Specifications
 - 6.1.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.2 American Superconductor Corporation
 - 6.2.1 Company Information
 - 6.2.2 Product Specifications
 - 6.2.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.3 Bruker Energy & Supercon Technologies
 - 6.3.1 Company Information
 - 6.3.2 Product Specifications
 - 6.3.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.4 Fujikura
 - 6.4.1 Company Information
 - 6.4.2 Product Specifications
 - 6.4.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.5 Hyper Tech Research
 - 6.5.1 Company Information
 - 6.5.2 Product Specifications
 - 6.5.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.6 Southwire Company
 - 6.6.1 Company Information
 - 6.6.2 Product Specifications
 - 6.6.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.7 Sumitomo Electric Industries,
 - 6.7.1 Company Information

- 6.7.2 Product Specifications
- 6.7.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.8 General Cable Superconductors.
 - 6.8.1 Company Information
 - 6.8.2 Product Specifications
 - 6.8.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.9 Nexans SA
 - 6.9.1 Company Information
 - 6.9.2 Product Specifications
 - 6.9.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.10 ASG Superconductors SpA
 - 6.10.1 Company Information
 - 6.10.2 Product Specifications
 - 6.10.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.11 Luvata U.K.
- 6.12 SuNam
- 6.13 Superconductor Technologies Inc

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 United States Market Sales Revenue by Company 2013-2017
Table United States Market Sales Revenue Share by Company 2013-2017
Table United States Market Sales Volume by Company 2013-2017
Table United States Market Sales Volume Share by Company 2013-2017
Table United States 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 United States Market Sales Revenue by Type 2013-2017
Table United States Market Sales Revenue Share by Type 2013-2017
Table United States Market Sales Volume by Type 2013-2017
Table United States Market Sales Volume Share by Type 2013-2017
Table United States 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 United States Market Sales Revenue by Application 2013-2017
Table United States Market Sales Revenue Share by Application 2013-2017
Table United States Market Sales Volume by Application 2013-2017
Table United States Market Sales Volume Share by Application 2013-2017
Table United States Price by Application 2013-2017
Table United States Export 2013-2017 (Million USD)
Table United States Export 2013-2017 (Volume)
Table United States Import 2013-2017 (Million USD)
Table United States Import 2013-2017 (Volume)
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 Low Temperature SMES Market Size and CAGR 2013-2017 (Million USD)
- Figure Low Temperature SMES Market Size and CAGR 2013-2017 (Volume)
- Figure Low Temperature SMES Market Forecast and CAGR 2018-2025 (Million USD)
- Figure Low Temperature SMES Market Forecast and CAGR 2018-2025 (Volume)
- Figure High Temperature SMES Market Size and CAGR 2013-2017 (Million USD)
- Figure High Temperature SMES Market Size and CAGR 2013-2017 (Volume)
- Figure High Temperature SMES Market Forecast and CAGR 2018-2025 (Million USD)
- Figure High Temperature SMES Market Forecast and CAGR 2018-2025 (Volume)
- Figure Power System Market Size and CAGR 2013-2017 (Million USD)
- Figure Power System Market Size and CAGR 2013-2017 (Volume)
- Figure Power System Market Forecast and CAGR 2018-2025 (Million USD)
- Figure Power System Market Forecast and CAGR 2018-2025 (Volume)
- Figure Industrial Use Market Size and CAGR 2013-2017 (Million USD)
- Figure Industrial Use Market Size and CAGR 2013-2017 (Volume)
- Figure Industrial Use Market Forecast and CAGR 2018-2025 (Million USD)
- Figure Industrial Use Market Forecast and CAGR 2018-2025 (Volume)
- Figure Research Institution Market Size and CAGR 2013-2017 (Million USD)
- Figure Research Institution Market Size and CAGR 2013-2017 (Volume)
- Figure Research Institution Market Forecast and CAGR 2018-2025 (Million USD)
- Figure Research Institution Market Forecast and CAGR 2018-2025 (Volume)
- Figure Others Market Size and CAGR 2013-2017 (Million USD)
- Figure Others Market Size and CAGR 2013-2017 (Volume)
- Figure Others Market Forecast and CAGR 2018-2025 (Million USD)
- Figure Others Market Forecast and CAGR 2018-2025 (Volume)
- Figure Global Superconducting Magnetic Energy Storage (SMES) Systems Market Size and CAGR 2013-2017 (Million USD)
- Figure Global Superconducting Magnetic Energy Storage (SMES) Systems Market Size and CAGR 2013-2017 (Volume)
- Figure Global Superconducting Magnetic Energy Storage (SMES) Systems Market Forecast and CAGR 2018-2025 (Million USD)
- Figure Global Superconducting Magnetic Energy Storage (SMES) Systems Market Forecast and CAGR 2018-2025 (Volume)
- Figure United States Superconducting Magnetic Energy Storage (SMES) Systems Market Size and CAGR 2013-2017 (Million USD)
- Figure United States Superconducting Magnetic Energy Storage (SMES) Systems

Market Size and CAGR 2013-2017 (Volume)
Figure United States Superconducting Magnetic Energy Storage (SMES) Systems
Market Forecast and CAGR 2018-2025 (Million USD)
Figure United States Superconducting Magnetic Energy Storage (SMES) Systems
Market Forecast and CAGR 2018-2025 (Volume)
Figure Global Market Sales Revenue Share by Company in 2017
Figure Global Market Sales Volume Share by Company in 2017
Figure United States Market Sales Revenue Share by Company in 2017
Figure United States 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 United States Market Sales Revenue Share by Type in 2017
Figure United States 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 United States Market Sales Revenue Share by Application in 2017
Figure United States Market Sales Volume Share by Application in 2017
Figure Industry Chain Overview
Figure Superconducting Magnetic Energy Storage (SMES) Systems SWOT List
Figure Power & Energy Porter's Five Forces

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