

Global Superconducting Magnetic Energy Storage (SMES) Market 2018 by Manufacturers, Regions, Type and Application, Forecast to 2023

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Abstracts

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.

Scope of the Report:

This report focuses on the Superconducting Magnetic Energy Storage (SMES) in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

The rising concerns regarding climate change are creating a burgeoning demand for green and eco-friendly storage solutions, which in turn is fuelling the demand for SMES systems. In addition, the increasing consumption of renewable sources for energy generation coupled with the depleting fossil fuels is working in favor of the growth of the market. The growing adoption of distributed energy solutions is also providing a fillip to the market.

Moreover, the burgeoning demand for advanced and cost-effective energy storage technologies for on-grid and off-grid applications and in the utility industry is augmenting the global SMES market. Furthermore, the advancements in superconducting materials are influencing the market positively. On the other hand, the participants in the market are threatened by the presence of substitutes such as compressed air energy storage. This is hampering the growth of the market. The high cost of these systems is also

limiting their widespread adoption.

The worldwide market for Superconducting Magnetic Energy Storage (SMES) is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Super Power

Hyper Tech Research

Southwire Company

Luvata

Superconductor Technologies

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Low Temperature SMES

High Temperature SMES

Market Segment by Applications, can be divided into

Power System

Industrial Use

Research Institution

Others

There are 15 Chapters to deeply display the global Superconducting Magnetic Energy Storage (SMES) market.

Chapter 1, to describe Superconducting Magnetic Energy Storage (SMES) Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Superconducting Magnetic Energy Storage (SMES), with sales, revenue, and price of Superconducting Magnetic Energy Storage (SMES), in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Superconducting Magnetic Energy Storage (SMES), for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Superconducting Magnetic Energy Storage (SMES) market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Superconducting Magnetic Energy Storage (SMES)

sales channel, distributors, traders, dealers, Research Findings and Conclusion,
appendix and data source

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