

Global Superconducting Magnetic Energy Storage (SMES) Systems Market by Size, by Type, by Application, by Region, History and Forecast 2019-2030

<https://marketpublishers.com/r/GD9AF8336574EN.html>

Date: April 2024

Pages: 192

Price: US\$ 3,950.00 (Single User License)

ID: GD9AF8336574EN

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

Note: In the report, production Revenue (value) is based on the production statistics of Superconducting Magnetic Energy Storage (SMES) systems manufacturers. And consumption value is based on the downstream customer's consumption statistics of Superconducting Magnetic Energy Storage (SMES) systems.

According to APO Research, The global Superconducting Magnetic Energy Storage (SMES) Systems market is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

The US & Canada market for Superconducting Magnetic Energy Storage (SMES) Systems is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Asia-Pacific market for Superconducting Magnetic Energy Storage (SMES) Systems is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The China market for Superconducting Magnetic Energy Storage (SMES) Systems is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Europe market for Superconducting Magnetic Energy Storage (SMES) Systems is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The major global companies of Superconducting Magnetic Energy Storage (SMES) Systems include American Superconductor Corporation, Super Power Inc, Bruker Energy & Supercon Technologies, Fujikura, Hyper Tech Research, Southwire Company US, Sumitomo Electric Industries, Ltd, General Cable Superconductors Ltd. and Nexans SA, etc. In 2023, the world's top three vendors accounted for approximately % of the revenue.

Report Includes

This report presents an overview of global market for Superconducting Magnetic Energy Storage (SMES) Systems, market size. Analyses of the global market trends, with historic market revenue data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of Superconducting Magnetic Energy Storage (SMES) Systems, also provides the revenue of main regions and countries. Of the upcoming market potential for Superconducting Magnetic Energy Storage (SMES) Systems, and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the Superconducting Magnetic Energy Storage (SMES) Systems revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global Superconducting Magnetic Energy Storage (SMES) Systems market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This

report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by Type and by Application, revenue, and growth rate, from 2019 to 2030. Evaluation and forecast the market size for Superconducting Magnetic Energy Storage (SMES) Systems revenue, projected growth trends, production technology, application and end-user industry.

Superconducting Magnetic Energy Storage (SMES) Systems segment by Company

American Superconductor Corporation

Super Power Inc

Bruker Energy & Supercon Technologies

Fujikura

Hyper Tech Research

Southwire Company US

Sumitomo Electric Industries, Ltd

General Cable Superconductors Ltd.

Nexans SA

ASG Superconductors SpA

Luvata U.K.

SuNam Co., Ltd.

Superconductor Technologies Inc

Superconducting Magnetic Energy Storage (SMES) Systems segment by Type

Low Temperature SMES

High Temperature SMES

Superconducting Magnetic Energy Storage (SMES) Systems segment by Application

Power System

Industrial Use

Research Institution

Others

Superconducting Magnetic Energy Storage (SMES) Systems segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

Study Objectives

1. To analyze and research the global status and future forecast, involving, production, value, consumption, growth rate (CAGR), market share, historical and forecast.

2. To present the key manufacturers, capacity, production, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify significant trends, drivers, influence factors in global and regions.
6. To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Superconducting Magnetic Energy Storage (SMES) Systems market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Superconducting Magnetic Energy Storage (SMES) Systems and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market.
5. This report helps stakeholders to gain insights into which regions to target globally.
6. This report helps stakeholders to gain insights into the end-user perception

concerning the adoption of Superconducting Magnetic Energy Storage (SMES) Systems.

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Introduces the report scope of the report, executive summary of different market segments (product type, application, etc), including the market size of each market segment, future development potential, and so on. Revenue of Superconducting Magnetic Energy Storage (SMES) Systems in global and regional level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 2: Analysis key trends, drivers, challenges, and opportunities within the global Superconducting Magnetic Energy Storage (SMES) Systems industry.

Chapter 3: Detailed analysis of Superconducting Magnetic Energy Storage (SMES) Systems companies' competitive landscape, revenue, market share and industry ranking, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides the analysis of various market segments by type, covering the revenue, and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 5: Provides the analysis of various market segments by application, covering the revenue, and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 6: Provides profiles of key companies, introducing the basic situation of the main companies in the market in detail, including product descriptions and specifications, Superconducting Magnetic Energy Storage (SMES) Systems revenue, gross margin, and recent development, etc.

Chapter 7: North America (US & Canada) by type, by application and by country,

revenue for each segment.

Chapter 8: Europe by type, by application and by country, revenue for each segment.

Chapter 9: China by type, and by application, revenue for each segment.

Chapter 10: Asia (excluding China) by type, by application and by region, revenue for each segment.

Chapter 11: MEALA by type, by application and by country, revenue for each segment.

Chapter 12: Concluding Insights of the report.

Contents

1 MARKET OVERVIEW

1.1 Product Definition

1.2 Market Analysis by Type

1.2.1 Global Superconducting Magnetic Energy Storage (SMES) Systems Market Size
Growth Rate by Type: 2019 VS 2023 VS 2030

1.2.2 Low Temperature SMES

1.2.3 High Temperature SMES

1.3 Market Analysis by Application

1.3.1 Global Superconducting Magnetic Energy Storage (SMES) Systems Market Size
Growth Rate by Application: 2019 VS 2023 VS 2030

1.3.2 Power System

1.3.3 Industrial Use

1.3.4 Research Institution

1.3.5 Others

1.4 Global Market Growth Prospects

1.5 Global Superconducting Magnetic Energy Storage (SMES) Systems Growth Trends
by Region

1.5.1 Global Superconducting Magnetic Energy Storage (SMES) Systems Market Size
by Region: 2019 VS 2023 VS 2030

1.5.2 Superconducting Magnetic Energy Storage (SMES) Systems Market Size by
Region (2019-2024)

1.5.3 Superconducting Magnetic Energy Storage (SMES) Systems Market Size by
Region (2025-2030)

1.6 Assumptions and Limitations

1.7 Study Goals and Objectives

1.8 Years Considered

2 GLOBAL SUPERCONDUCTING MAGNETIC ENERGY STORAGE (SMES) SYSTEMS MARKET DYNAMICS

2.1 Superconducting Magnetic Energy Storage (SMES) Systems Industry Trends

2.2 Superconducting Magnetic Energy Storage (SMES) Systems Industry Drivers

2.3 Superconducting Magnetic Energy Storage (SMES) Systems Industry Opportunities
and Challenges

2.4 Superconducting Magnetic Energy Storage (SMES) Systems Industry Restraints

3 COMPETITIVE LANDSCAPE BY COMPANY

3.1 Global Superconducting Magnetic Energy Storage (SMES) Systems Revenue by Company (2019-2024)

3.2 Global Superconducting Magnetic Energy Storage (SMES) Systems Players Revenue Ranking, 2022 VS 2023 VS 2024

3.3 Global Superconducting Magnetic Energy Storage (SMES) Systems Key Company Head office and Area Served

3.4 Global Superconducting Magnetic Energy Storage (SMES) Systems Company, Product Type & Application

3.5 Global Superconducting Magnetic Energy Storage (SMES) Systems Company Commercialization Time

3.6 Market Competitive Analysis

3.6.1 Global Superconducting Magnetic Energy Storage (SMES) Systems Market CR5 and HHI

3.6.2 Global Top 5 and 10 Superconducting Magnetic Energy Storage (SMES) Systems Players Market Share by Revenue in 2023

3.6.3 2023 Superconducting Magnetic Energy Storage (SMES) Systems Tier 1, Tier 2, and Tier

4 SUPERCONDUCTING MAGNETIC ENERGY STORAGE (SMES) SYSTEMS MARKET BY TYPE

4.1 Global Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Type (2019 VS 2023 VS 2030)

4.2 Global Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Type (2019-2030)

4.3 Global Superconducting Magnetic Energy Storage (SMES) Systems Market Size Share by Type (2019-2030)

5 SUPERCONDUCTING MAGNETIC ENERGY STORAGE (SMES) SYSTEMS MARKET BY APPLICATION

5.1 Global Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Application (2019 VS 2023 VS 2030)

5.2 Global Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Application (2019-2030)

5.3 Global Superconducting Magnetic Energy Storage (SMES) Systems Market Size Share by Application (2019-2030)

6 COMPANY PROFILES

6.1 American Superconductor Corporation

6.1.1 American Superconductor Corporation Company Information

6.1.2 American Superconductor Corporation Business Overview

6.1.3 American Superconductor Corporation Superconducting Magnetic Energy Storage (SMES) Systems Revenue and Gross Margin (US\$ Million) & (2019-2024)

6.1.4 American Superconductor Corporation Superconducting Magnetic Energy Storage (SMES) Systems Product Portfolio

6.1.5 American Superconductor Corporation Recent Developments

6.2 Super Power Inc

6.2.1 Super Power Inc Company Information

6.2.2 Super Power Inc Business Overview

6.2.3 Super Power Inc Superconducting Magnetic Energy Storage (SMES) Systems Revenue and Gross Margin (US\$ Million) & (2019-2024)

6.2.4 Super Power Inc Superconducting Magnetic Energy Storage (SMES) Systems Product Portfolio

6.2.5 Super Power Inc Recent Developments

6.3 Bruker Energy & Supercon Technologies

6.3.1 Bruker Energy & Supercon Technologies Company Information

6.3.2 Bruker Energy & Supercon Technologies Business Overview

6.3.3 Bruker Energy & Supercon Technologies Superconducting Magnetic Energy Storage (SMES) Systems Revenue and Gross Margin (US\$ Million) & (2019-2024)

6.3.4 Bruker Energy & Supercon Technologies Superconducting Magnetic Energy Storage (SMES) Systems Product Portfolio

6.3.5 Bruker Energy & Supercon Technologies Recent Developments

6.4 Fujikura

6.4.1 Fujikura Company Information

6.4.2 Fujikura Business Overview

6.4.3 Fujikura Superconducting Magnetic Energy Storage (SMES) Systems Revenue and Gross Margin (US\$ Million) & (2019-2024)

6.4.4 Fujikura Superconducting Magnetic Energy Storage (SMES) Systems Product Portfolio

6.4.5 Fujikura Recent Developments

6.5 Hyper Tech Research

6.5.1 Hyper Tech Research Company Information

6.5.2 Hyper Tech Research Business Overview

6.5.3 Hyper Tech Research Superconducting Magnetic Energy Storage (SMES)

Systems Revenue and Gross Margin (US\$ Million) & (2019-2024)

6.5.4 Hyper Tech Research Superconducting Magnetic Energy Storage (SMES)

Systems Product Portfolio

6.5.5 Hyper Tech Research Recent Developments

6.6 Southwire Company US

6.6.1 Southwire Company US Company Information

6.6.2 Southwire Company US Business Overview

6.6.3 Southwire Company US Superconducting Magnetic Energy Storage (SMES)

Systems Revenue and Gross Margin (US\$ Million) & (2019-2024)

6.6.4 Southwire Company US Superconducting Magnetic Energy Storage (SMES)

Systems Product Portfolio

6.6.5 Southwire Company US Recent Developments

6.7 Sumitomo Electric Industries, Ltd

6.7.1 Sumitomo Electric Industries, Ltd Company Information

6.7.2 Sumitomo Electric Industries, Ltd Business Overview

6.7.3 Sumitomo Electric Industries, Ltd Superconducting Magnetic Energy Storage (SMES) Systems Revenue and Gross Margin (US\$ Million) & (2019-2024)

6.7.4 Sumitomo Electric Industries, Ltd Superconducting Magnetic Energy Storage (SMES) Systems Product Portfolio

6.7.5 Sumitomo Electric Industries, Ltd Recent Developments

6.8 General Cable Superconductors Ltd.

6.8.1 General Cable Superconductors Ltd. Company Information

6.8.2 General Cable Superconductors Ltd. Business Overview

6.8.3 General Cable Superconductors Ltd. Superconducting Magnetic Energy Storage (SMES) Systems Revenue and Gross Margin (US\$ Million) & (2019-2024)

6.8.4 General Cable Superconductors Ltd. Superconducting Magnetic Energy Storage (SMES) Systems Product Portfolio

6.8.5 General Cable Superconductors Ltd. Recent Developments

6.9 Nexans SA

6.9.1 Nexans SA Company Information

6.9.2 Nexans SA Business Overview

6.9.3 Nexans SA Superconducting Magnetic Energy Storage (SMES) Systems Revenue and Gross Margin (US\$ Million) & (2019-2024)

6.9.4 Nexans SA Superconducting Magnetic Energy Storage (SMES) Systems Product Portfolio

6.9.5 Nexans SA Recent Developments

6.10 ASG Superconductors SpA

6.10.1 ASG Superconductors SpA Company Information

6.10.2 ASG Superconductors SpA Business Overview

6.10.3 ASG Superconductors SpA Superconducting Magnetic Energy Storage (SMES) Systems Revenue and Gross Margin (US\$ Million) & (2019-2024)

6.10.4 ASG Superconductors SpA Superconducting Magnetic Energy Storage (SMES) Systems Product Portfolio

6.10.5 ASG Superconductors SpA Recent Developments

6.11 Luvata U.K.

6.11.1 Luvata U.K. Company Information

6.11.2 Luvata U.K. Business Overview

6.11.3 Luvata U.K. Superconducting Magnetic Energy Storage (SMES) Systems Revenue and Gross Margin (US\$ Million) & (2019-2024)

6.11.4 Luvata U.K. Superconducting Magnetic Energy Storage (SMES) Systems Product Portfolio

6.11.5 Luvata U.K. Recent Developments

6.12 SuNam Co., Ltd.

6.12.1 SuNam Co., Ltd. Company Information

6.12.2 SuNam Co., Ltd. Business Overview

6.12.3 SuNam Co., Ltd. Superconducting Magnetic Energy Storage (SMES) Systems Revenue and Gross Margin (US\$ Million) & (2019-2024)

6.12.4 SuNam Co., Ltd. Superconducting Magnetic Energy Storage (SMES) Systems Product Portfolio

6.12.5 SuNam Co., Ltd. Recent Developments

6.13 Superconductor Technologies Inc

6.13.1 Superconductor Technologies Inc Company Information

6.13.2 Superconductor Technologies Inc Business Overview

6.13.3 Superconductor Technologies Inc Superconducting Magnetic Energy Storage (SMES) Systems Revenue and Gross Margin (US\$ Million) & (2019-2024)

6.13.4 Superconductor Technologies Inc Superconducting Magnetic Energy Storage (SMES) Systems Product Portfolio

6.13.5 Superconductor Technologies Inc Recent Developments

7 NORTH AMERICA

7.1 North America Superconducting Magnetic Energy Storage (SMES) Systems Market Size (2019-2030)

7.2 North America Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Type

7.2.1 North America Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Type (2019-2024)

7.2.2 North America Superconducting Magnetic Energy Storage (SMES) Systems

Market Size by Type (2025-2030)

7.2.3 North America Superconducting Magnetic Energy Storage (SMES) Systems

Market Share by Type (2019-2030)

7.3 North America Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Application

7.3.1 North America Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Application (2019-2024)

7.3.2 North America Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Application (2025-2030)

7.3.3 North America Superconducting Magnetic Energy Storage (SMES) Systems Market Share by Application (2019-2030)

7.4 North America Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Country

7.4.1 North America Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Country (2019 VS 2023 VS 2030)

7.4.2 North America Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Country (2019-2024)

7.4.3 North America Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Country (2025-2030)

7.4.4 North America Superconducting Magnetic Energy Storage (SMES) Systems Market Share by Country (2019-2030)

7.4.5 United States

7.4.6 Canada

8 EUROPE

8.1 Europe Superconducting Magnetic Energy Storage (SMES) Systems Market Size (2019-2030)

8.2 Europe Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Type

8.2.1 Europe Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Type (2019-2024)

8.2.2 Europe Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Type (2025-2030)

8.2.3 Europe Superconducting Magnetic Energy Storage (SMES) Systems Market Share by Type (2019-2030)

8.3 Europe Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Application

8.3.1 Europe Superconducting Magnetic Energy Storage (SMES) Systems Market

Size by Application (2019-2024)

8.3.2 Europe Superconducting Magnetic Energy Storage (SMES) Systems Market

Size by Application (2025-2030)

8.3.3 Europe Superconducting Magnetic Energy Storage (SMES) Systems Market

Share by Application (2019-2030)

8.4 Europe Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Country

8.4.1 Europe Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Country (2019 VS 2023 VS 2030)

8.4.2 Europe Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Country (2019-2024)

8.4.3 Europe Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Country (2025-2030)

8.4.4 Europe Superconducting Magnetic Energy Storage (SMES) Systems Market Share by Country (2019-2030)

8.4.5 Germany

8.4.6 France

8.4.7 U.K.

8.4.8 Italy

8.4.9 Russia

8.4.10 Nordic Countries

9 CHINA

9.1 China Superconducting Magnetic Energy Storage (SMES) Systems Market Size (2019-2030)

9.2 China Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Type

9.2.1 China Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Type (2019-2024)

9.2.2 China Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Type (2025-2030)

9.2.3 China Superconducting Magnetic Energy Storage (SMES) Systems Market Share by Type (2019-2030)

9.3 China Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Application

9.3.1 China Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Application (2019-2024)

9.3.2 China Superconducting Magnetic Energy Storage (SMES) Systems Market Size

by Application (2025-2030)

9.3.3 China Superconducting Magnetic Energy Storage (SMES) Systems Market Share by Application (2019-2030)

10 ASIA

10.1 Asia Superconducting Magnetic Energy Storage (SMES) Systems Market Size (2019-2030)

10.2 Asia Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Type

10.2.1 Asia Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Type (2019-2024)

10.2.2 Asia Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Type (2025-2030)

10.2.3 Asia Superconducting Magnetic Energy Storage (SMES) Systems Market Share by Type (2019-2030)

10.3 Asia Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Application

10.3.1 Asia Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Application (2019-2024)

10.3.2 Asia Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Application (2025-2030)

10.3.3 Asia Superconducting Magnetic Energy Storage (SMES) Systems Market Share by Application (2019-2030)

10.4 Asia Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Country

10.4.1 Asia Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Country (2019 VS 2023 VS 2030)

10.4.2 Asia Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Country (2019-2024)

10.4.3 Asia Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Country (2025-2030)

10.4.4 Asia Superconducting Magnetic Energy Storage (SMES) Systems Market Share by Country (2019-2030)

10.4.5 Japan

10.4.6 South Korea

10.4.7 China Taiwan

10.4.8 Southeast Asia

10.4.9 India

10.4.10 Australia

11 MEALA

11.1 MEALA Superconducting Magnetic Energy Storage (SMES) Systems Market Size (2019-2030)

11.2 MEALA Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Type

11.2.1 MEALA Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Type (2019-2024)

11.2.2 MEALA Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Type (2025-2030)

11.2.3 MEALA Superconducting Magnetic Energy Storage (SMES) Systems Market Share by Type (2019-2030)

11.3 MEALA Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Application

11.3.1 MEALA Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Application (2019-2024)

11.3.2 MEALA Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Application (2025-2030)

11.3.3 MEALA Superconducting Magnetic Energy Storage (SMES) Systems Market Share by Application (2019-2030)

11.4 MEALA Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Country

11.4.1 MEALA Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Country (2019 VS 2023 VS 2030)

11.4.2 MEALA Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Country (2019-2024)

11.4.3 MEALA Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Country (2025-2030)

11.4.4 MEALA Superconducting Magnetic Energy Storage (SMES) Systems Market Share by Country (2019-2030)

11.4.5 Brazil

11.4.6 Mexico

11.4.7 Turkey

11.4.8 Israel

11.4.9 GCC Countries

12 CONCLUDING INSIGHTS

13 APPENDIX

13.1 Reasons for Doing This Study

13.2 Research Methodology

13.3 Research Process

13.4 Authors List of This Report

13.5 Data Source

13.5.1 Secondary Sources

13.5.2 Primary Sources

13.6 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Superconducting Magnetic Energy Storage (SMES) Systems Market Size Growth Rate by Type (US\$ Million): 2019 VS 2023 VS 2030

Table 2. Key Players of Low Temperature SMES

Table 3. Key Players of High Temperature SMES

Table 5. Global Superconducting Magnetic Energy Storage (SMES) Systems Market Size Growth Rate by Application (US\$ Million): 2019 VS 2023 VS 2030

Table 6. Key Players of Power System

Table 7. Key Players of Industrial Use

Table 8. Key Players of Research Institution

Table 9. Key Players of Others

Table 10. Global Superconducting Magnetic Energy Storage (SMES) Systems Market Size Growth Rate (CAGR) by Region (US\$ Million): 2019 VS 2023 VS 2030

Table 11. Global Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Region (2019-2024) & (US\$ Million)

Table 12. Global Superconducting Magnetic Energy Storage (SMES) Systems Market Share by Region (2019-2024)

Table 13. Global Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Region (2025-2030) & (US\$ Million)

Table 14. Global Superconducting Magnetic Energy Storage (SMES) Systems Market Share by Region (2025-2030)

Table 15. Superconducting Magnetic Energy Storage (SMES) Systems Industry Trends

Table 16. Superconducting Magnetic Energy Storage (SMES) Systems Industry Drivers

Table 17. Superconducting Magnetic Energy Storage (SMES) Systems Industry Opportunities and Challenges

Table 18. Superconducting Magnetic Energy Storage (SMES) Systems Industry Restraints

Table 19. Global Superconducting Magnetic Energy Storage (SMES) Systems Revenue by Company (US\$ Million) & (2019-2024)

Table 20. Global Superconducting Magnetic Energy Storage (SMES) Systems Revenue Market Share by Company (2019-2024)

Table 21. Global Superconducting Magnetic Energy Storage (SMES) Systems Players Revenue Ranking, 2022 VS 2023 VS 2024

Table 22. Global Superconducting Magnetic Energy Storage (SMES) Systems Key Company Head office and Area Served

Table 23. Global Superconducting Magnetic Energy Storage (SMES) Systems

Company, Product Type & Application

Table 24. Global Superconducting Magnetic Energy Storage (SMES) Systems

Company Commercialization Time

Table 25. Global Company Market Concentration Ratio (CR5 and HHI)

Table 26. Global Superconducting Magnetic Energy Storage (SMES) Systems by Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue of 2023)

Table 27. Global Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Type 2019 VS 2023 VS 2030 (US\$ Million)

Table 28. Global Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Type (2019-2024) & (US\$ Million)

Table 29. Global Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Type (2025-2030) & (US\$ Million)

Table 30. Global Superconducting Magnetic Energy Storage (SMES) Systems Revenue Market Share by Type (2019-2024)

Table 31. Global Superconducting Magnetic Energy Storage (SMES) Systems Revenue Market Share by Type (2025-2030)

Table 32. Global Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Application 2019 VS 2023 VS 2030 (US\$ Million)

Table 33. Global Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Application (2019-2024) & (US\$ Million)

Table 34. Global Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Application (2025-2030) & (US\$ Million)

Table 35. Global Superconducting Magnetic Energy Storage (SMES) Systems Revenue Market Share by Application (2019-2024)

Table 36. Global Superconducting Magnetic Energy Storage (SMES) Systems Revenue Market Share by Application (2025-2030)

Table 37. American Superconductor Corporation Business Overview

Table 38. American Superconductor Corporation Superconducting Magnetic Energy Storage (SMES) Systems Revenue and Gross Margin (US\$ Million) & (2019-2024)

Table 39. American Superconductor Corporation Superconducting Magnetic Energy Storage (SMES) Systems Product Portfolio

Table 40. American Superconductor Corporation Recent Development

Table 41. Super Power Inc Company Information

Table 42. Super Power Inc Business Overview

Table 43. Super Power Inc Superconducting Magnetic Energy Storage (SMES) Systems Revenue and Gross Margin (US\$ Million) & (2019-2024)

Table 44. Super Power Inc Superconducting Magnetic Energy Storage (SMES) Systems Product Portfolio

Table 45. Super Power Inc Recent Development

- Table 46. Bruker Energy & Supercon Technologies Company Information
- Table 47. Bruker Energy & Supercon Technologies Business Overview
- Table 48. Bruker Energy & Supercon Technologies Superconducting Magnetic Energy Storage (SMES) Systems Revenue and Gross Margin (US\$ Million) & (2019-2024)
- Table 49. Bruker Energy & Supercon Technologies Superconducting Magnetic Energy Storage (SMES) Systems Product Portfolio
- Table 50. Bruker Energy & Supercon Technologies Recent Development
- Table 51. Fujikura Company Information
- Table 52. Fujikura Business Overview
- Table 53. Fujikura Superconducting Magnetic Energy Storage (SMES) Systems Revenue and Gross Margin (US\$ Million) & (2019-2024)
- Table 54. Fujikura Superconducting Magnetic Energy Storage (SMES) Systems Product Portfolio
- Table 55. Fujikura Recent Development
- Table 56. Hyper Tech Research Company Information
- Table 57. Hyper Tech Research Business Overview
- Table 58. Hyper Tech Research Superconducting Magnetic Energy Storage (SMES) Systems Revenue and Gross Margin (US\$ Million) & (2019-2024)
- Table 59. Hyper Tech Research Superconducting Magnetic Energy Storage (SMES) Systems Product Portfolio
- Table 60. Hyper Tech Research Recent Development
- Table 61. Southwire Company US Company Information
- Table 62. Southwire Company US Business Overview
- Table 63. Southwire Company US Superconducting Magnetic Energy Storage (SMES) Systems Revenue and Gross Margin (US\$ Million) & (2019-2024)
- Table 64. Southwire Company US Superconducting Magnetic Energy Storage (SMES) Systems Product Portfolio
- Table 65. Southwire Company US Recent Development
- Table 66. Sumitomo Electric Industries, Ltd Company Information
- Table 67. Sumitomo Electric Industries, Ltd Business Overview
- Table 68. Sumitomo Electric Industries, Ltd Superconducting Magnetic Energy Storage (SMES) Systems Revenue and Gross Margin (US\$ Million) & (2019-2024)
- Table 69. Sumitomo Electric Industries, Ltd Superconducting Magnetic Energy Storage (SMES) Systems Product Portfolio
- Table 70. Sumitomo Electric Industries, Ltd Recent Development
- Table 71. General Cable Superconductors Ltd. Company Information
- Table 72. General Cable Superconductors Ltd. Business Overview
- Table 73. General Cable Superconductors Ltd. Superconducting Magnetic Energy Storage (SMES) Systems Revenue and Gross Margin (US\$ Million) & (2019-2024)

Table 74. General Cable Superconductors Ltd. Superconducting Magnetic Energy Storage (SMES) Systems Product Portfolio

Table 75. General Cable Superconductors Ltd. Recent Development

Table 76. Nexans SA Company Information

Table 77. Nexans SA Business Overview

Table 78. Nexans SA Superconducting Magnetic Energy Storage (SMES) Systems Revenue and Gross Margin (US\$ Million) & (2019-2024)

Table 79. Nexans SA Superconducting Magnetic Energy Storage (SMES) Systems Product Portfolio

Table 80. Nexans SA Recent Development

Table 81. ASG Superconductors SpA Company Information

Table 82. ASG Superconductors SpA Business Overview

Table 83. ASG Superconductors SpA Superconducting Magnetic Energy Storage (SMES) Systems Revenue and Gross Margin (US\$ Million) & (2019-2024)

Table 84. ASG Superconductors SpA Superconducting Magnetic Energy Storage (SMES) Systems Product Portfolio

Table 85. ASG Superconductors SpA Recent Development

Table 86. Luvata U.K. Company Information

Table 87. Luvata U.K. Business Overview

Table 88. Luvata U.K. Superconducting Magnetic Energy Storage (SMES) Systems Revenue and Gross Margin (US\$ Million) & (2019-2024)

Table 89. Luvata U.K. Superconducting Magnetic Energy Storage (SMES) Systems Product Portfolio

Table 90. Luvata U.K. Recent Development

Table 91. SuNam Co., Ltd. Company Information

Table 92. SuNam Co., Ltd. Business Overview

Table 93. SuNam Co., Ltd. Superconducting Magnetic Energy Storage (SMES) Systems Revenue and Gross Margin (US\$ Million) & (2019-2024)

Table 94. SuNam Co., Ltd. Superconducting Magnetic Energy Storage (SMES) Systems Product Portfolio

Table 95. SuNam Co., Ltd. Recent Development

Table 96. Superconductor Technologies Inc Company Information

Table 97. Superconductor Technologies Inc Business Overview

Table 98. Superconductor Technologies Inc Superconducting Magnetic Energy Storage (SMES) Systems Revenue and Gross Margin (US\$ Million) & (2019-2024)

Table 99. Superconductor Technologies Inc Superconducting Magnetic Energy Storage (SMES) Systems Product Portfolio

Table 100. Superconductor Technologies Inc Recent Development

Table 101. North America Superconducting Magnetic Energy Storage (SMES) Systems

Market Size by Type (2019-2024) & (US\$ Million)

Table 102. North America Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Type (2025-2030) & (US\$ Million)

Table 103. North America Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Application (2019-2024) & (US\$ Million)

Table 104. North America Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Application (2025-2030) & (US\$ Million)

Table 105. North America Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Country (2019 VS 2023 VS 2030) & (US\$ Million)

Table 106. North America Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Country (2019-2024)

Table 107. North America Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Country (2025-2030)

Table 108. Europe Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Type (2019-2024) & (US\$ Million)

Table 109. Europe Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Type (2025-2030) & (US\$ Million)

Table 110. Europe Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Application (2019-2024) & (US\$ Million)

Table 111. Europe Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Application (2025-2030) & (US\$ Million)

Table 112. Europe Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Country (2019 VS 2023 VS 2030) & (US\$ Million)

Table 113. Europe Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Country (2019-2024)

Table 114. Europe Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Country (2025-2030)

Table 115. China Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Type (2019-2024) & (US\$ Million)

Table 116. China Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Type (2025-2030) & (US\$ Million)

Table 117. China Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Application (2019-2024) & (US\$ Million)

Table 118. China Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Application (2025-2030) & (US\$ Million)

Table 119. Asia Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Type (2019-2024) & (US\$ Million)

Table 120. Asia Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Type (2025-2030) & (US\$ Million)

Table 121. Asia Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Application (2019-2024) & (US\$ Million)

Table 122. Asia Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Application (2025-2030) & (US\$ Million)

Table 123. Asia Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Country (2019 VS 2023 VS 2030) & (US\$ Million)

Table 124. Asia Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Country (2019-2024)

Table 125. Asia Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Country (2025-2030)

Table 126. MEALA Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Type (2019-2024) & (US\$ Million)

Table 127. MEALA Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Type (2025-2030) & (US\$ Million)

Table 128. MEALA Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Application (2019-2024) & (US\$ Million)

Table 129. MEALA Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Application (2025-2030) & (US\$ Million)

Table 130. MEALA Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Country (2019 VS 2023 VS 2030) & (US\$ Million)

Table 131. MEALA Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Country (2019-2024)

Table 132. MEALA Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Country (2025-2030)

Table 133. Research Programs/Design for This Report

Table 134. Authors List of This Report

Table 135. Secondary Sources

Table 136. Primary Sources

List Of Figures

LIST OF FIGURES

Figure 1. Superconducting Magnetic Energy Storage (SMES) Systems Product Picture

Figure 2. Global Superconducting Magnetic Energy Storage (SMES) Systems Market Size Growth Rate by Type, 2019 VS 2023 VS 2030 (US\$ Million)

Figure 3. Global Superconducting Magnetic Energy Storage (SMES) Systems Market Share by Type: 2023 VS 2030

Figure 4. Low Temperature SMES Picture

Figure 5. High Temperature SMES Picture

Figure 6. Global Superconducting Magnetic Energy Storage (SMES) Systems Market Size Growth Rate by Application, 2019 VS 2023 VS 2030 (US\$ Million)

Figure 7. Global Superconducting Magnetic Energy Storage (SMES) Systems Market Share by Application: 2023 VS 2030

Figure 8. Power System Picture

Figure 9. Industrial Use Picture

Figure 10. Research Institution Picture

Figure 11. Others Picture

Figure 12. Global Superconducting Magnetic Energy Storage (SMES) Systems Market Size (US\$ Million), 2019 VS 2023 VS 2030

Figure 13. Global Superconducting Magnetic Energy Storage (SMES) Systems Market Size (2019-2030) & (US\$ Million)

Figure 14. Global Superconducting Magnetic Energy Storage (SMES) Systems Market Share by Region: 2023 VS 2030

Figure 15. Years Considered

Figure 16. Global Superconducting Magnetic Energy Storage (SMES) Systems Market Share by Players in 2023

Figure 17. Global Top 5 and 10 Superconducting Magnetic Energy Storage (SMES) Systems Players Market Share by Revenue in 2023

Figure 18. Company Type (Tier 1, Tier 2, and Tier 3): 2019 VS 2023

Figure 19. Global Superconducting Magnetic Energy Storage (SMES) Systems Market Size by Type (2019 VS 2023 VS 2030) & (US\$ Million)

Figure 20. Global Superconducting Magnetic Energy Storage (SMES) Systems Revenue Market Share by Type (2019-2030)

Figur

I would like to order

Product name: Global Superconducting Magnetic Energy Storage (SMES) Systems Market by Size, by Type, by Application, by Region, History and Forecast 2019-2030

Product link: <https://marketpublishers.com/r/GD9AF8336574EN.html>

Price: US\$ 3,950.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GD9AF8336574EN.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

