

Global Superconducting Magnetic Energy Storage (SMES) Technology Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G8828639409DEN.html>

Date: August 2023

Pages: 110

Price: US\$ 4,480.00 (Single User License)

ID: G8828639409DEN

Abstracts

The global Superconducting Magnetic Energy Storage (SMES) Technology market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

In response to the challenge of global climate change, about 130 countries and regions have proposed carbon neutrality goals, and green, low-carbon and sustainable development have become an international consensus. Among them, the construction of a new power system based on renewable energy is an important path to achieve carbon neutrality.

The development of energy storage technology is a necessary condition for promoting the transformation of energy structure, because renewable energy has the characteristics of intermittent, fluctuating and uncertain, which makes it difficult to guarantee the balance between power supply and demand. Energy storage technology can increase the proportion of renewable energy consumption, reduce the impact on the power grid, and improve the flexibility, economy and security of the power system.

Superconducting Magnetic Energy Storage (SMES) is a technology used for the efficient storage and release of electrical energy. It relies on the phenomenon of superconductivity, where certain materials, when cooled to extremely low temperatures, exhibit zero electrical resistance.

SMES systems offer several advantages. They have high power density, meaning they can deliver a large amount of power in a short time. They also have a fast response time, making them suitable for applications that require quick energy release.

Additionally, SMES systems have a long cycle life, meaning they can go through many charge-discharge cycles without significant degradation.

This report studies the global Superconducting Magnetic Energy Storage (SMES) Technology production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Superconducting Magnetic Energy Storage (SMES) Technology, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Superconducting Magnetic Energy Storage (SMES) Technology that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Superconducting Magnetic Energy Storage (SMES) Technology total production and demand, 2018-2029, (Units)

Global Superconducting Magnetic Energy Storage (SMES) Technology total production value, 2018-2029, (USD Million)

Global Superconducting Magnetic Energy Storage (SMES) Technology production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Superconducting Magnetic Energy Storage (SMES) Technology consumption by region & country, CAGR, 2018-2029 & (Units)

U.S. VS China: Superconducting Magnetic Energy Storage (SMES) Technology domestic production, consumption, key domestic manufacturers and share

Global Superconducting Magnetic Energy Storage (SMES) Technology production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Units)

Global Superconducting Magnetic Energy Storage (SMES) Technology production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Superconducting Magnetic Energy Storage (SMES) Technology production by Application production, value, CAGR, 2018-2029, (USD Million) & (Units).

This reports profiles key players in the global Superconducting Magnetic Energy Storage (SMES) Technology market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include ABB, American Superconductor Corporation (AMSC), ASG Superconductors, Southwire, Hyper Tech Research, Nexans, Korea Electrotechnology Research Institute (KERI), Luvata and Bruker Energy & Supercon Technologies, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Superconducting Magnetic Energy Storage (SMES) Technology market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (K US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Superconducting Magnetic Energy Storage (SMES) Technology Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Superconducting Magnetic Energy Storage (SMES) Technology Market, Segmentation by Type

High Temperature SMES

Low Temperature SMES

Global Superconducting Magnetic Energy Storage (SMES) Technology Market, Segmentation by Application

Power Grid Stabilization

Renewable Energy Integration

Electric Vehicle Charging

Others

Companies Profiled:

ABB

American Superconductor Corporation (AMSC)

ASG Superconductors

Southwire

Hyper Tech Research

Nexans

Korea Electrotechnology Research Institute (KERI)

Luvata

Bruker Energy & Supercon Technologies

Fujikura

Sumitomo Electric Industries

Key Questions Answered

1. How big is the global Superconducting Magnetic Energy Storage (SMES) Technology market?
2. What is the demand of the global Superconducting Magnetic Energy Storage (SMES) Technology market?
3. What is the year over year growth of the global Superconducting Magnetic Energy Storage (SMES) Technology market?
4. What is the production and production value of the global Superconducting Magnetic Energy Storage (SMES) Technology market?
5. Who are the key producers in the global Superconducting Magnetic Energy Storage (SMES) Technology market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

1.1 Superconducting Magnetic Energy Storage (SMES) Technology Introduction

1.2 World Superconducting Magnetic Energy Storage (SMES) Technology Supply & Forecast

1.2.1 World Superconducting Magnetic Energy Storage (SMES) Technology Production Value (2018 & 2022 & 2029)

1.2.2 World Superconducting Magnetic Energy Storage (SMES) Technology Production (2018-2029)

1.2.3 World Superconducting Magnetic Energy Storage (SMES) Technology Pricing Trends (2018-2029)

1.3 World Superconducting Magnetic Energy Storage (SMES) Technology Production by Region (Based on Production Site)

1.3.1 World Superconducting Magnetic Energy Storage (SMES) Technology Production Value by Region (2018-2029)

1.3.2 World Superconducting Magnetic Energy Storage (SMES) Technology Production by Region (2018-2029)

1.3.3 World Superconducting Magnetic Energy Storage (SMES) Technology Average Price by Region (2018-2029)

1.3.4 North America Superconducting Magnetic Energy Storage (SMES) Technology Production (2018-2029)

1.3.5 Europe Superconducting Magnetic Energy Storage (SMES) Technology Production (2018-2029)

1.3.6 China Superconducting Magnetic Energy Storage (SMES) Technology Production (2018-2029)

1.3.7 Japan Superconducting Magnetic Energy Storage (SMES) Technology Production (2018-2029)

1.4 Market Drivers, Restraints and Trends

1.4.1 Superconducting Magnetic Energy Storage (SMES) Technology Market Drivers

1.4.2 Factors Affecting Demand

1.4.3 Superconducting Magnetic Energy Storage (SMES) Technology Major Market Trends

1.5 Influence of COVID-19 and Russia-Ukraine War

1.5.1 Influence of COVID-19

1.5.2 Influence of Russia-Ukraine War

2 DEMAND SUMMARY

2.1 World Superconducting Magnetic Energy Storage (SMES) Technology Demand (2018-2029)

2.2 World Superconducting Magnetic Energy Storage (SMES) Technology Consumption by Region

2.2.1 World Superconducting Magnetic Energy Storage (SMES) Technology Consumption by Region (2018-2023)

2.2.2 World Superconducting Magnetic Energy Storage (SMES) Technology Consumption Forecast by Region (2024-2029)

2.3 United States Superconducting Magnetic Energy Storage (SMES) Technology Consumption (2018-2029)

2.4 China Superconducting Magnetic Energy Storage (SMES) Technology Consumption (2018-2029)

2.5 Europe Superconducting Magnetic Energy Storage (SMES) Technology Consumption (2018-2029)

2.6 Japan Superconducting Magnetic Energy Storage (SMES) Technology Consumption (2018-2029)

2.7 South Korea Superconducting Magnetic Energy Storage (SMES) Technology Consumption (2018-2029)

2.8 ASEAN Superconducting Magnetic Energy Storage (SMES) Technology Consumption (2018-2029)

2.9 India Superconducting Magnetic Energy Storage (SMES) Technology Consumption (2018-2029)

3 WORLD SUPERCONDUCTING MAGNETIC ENERGY STORAGE (SMES) TECHNOLOGY MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Superconducting Magnetic Energy Storage (SMES) Technology Production Value by Manufacturer (2018-2023)

3.2 World Superconducting Magnetic Energy Storage (SMES) Technology Production by Manufacturer (2018-2023)

3.3 World Superconducting Magnetic Energy Storage (SMES) Technology Average Price by Manufacturer (2018-2023)

3.4 Superconducting Magnetic Energy Storage (SMES) Technology Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Superconducting Magnetic Energy Storage (SMES) Technology Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Superconducting Magnetic Energy

Storage (SMES) Technology in 2022

3.5.3 Global Concentration Ratios (CR8) for Superconducting Magnetic Energy

Storage (SMES) Technology in 2022

3.6 Superconducting Magnetic Energy Storage (SMES) Technology Market: Overall Company Footprint Analysis

3.6.1 Superconducting Magnetic Energy Storage (SMES) Technology Market: Region Footprint

3.6.2 Superconducting Magnetic Energy Storage (SMES) Technology Market: Company Product Type Footprint

3.6.3 Superconducting Magnetic Energy Storage (SMES) Technology Market: Company Product Application Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

3.7.3 Factors of Competition

3.8 New Entrant and Capacity Expansion Plans

3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: Superconducting Magnetic Energy Storage (SMES) Technology Production Value Comparison

4.1.1 United States VS China: Superconducting Magnetic Energy Storage (SMES) Technology Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Superconducting Magnetic Energy Storage (SMES) Technology Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: Superconducting Magnetic Energy Storage (SMES) Technology Production Comparison

4.2.1 United States VS China: Superconducting Magnetic Energy Storage (SMES) Technology Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Superconducting Magnetic Energy Storage (SMES) Technology Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: Superconducting Magnetic Energy Storage (SMES) Technology Consumption Comparison

4.3.1 United States VS China: Superconducting Magnetic Energy Storage (SMES) Technology Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Superconducting Magnetic Energy Storage (SMES) Technology Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Superconducting Magnetic Energy Storage (SMES)

Technology Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Superconducting Magnetic Energy Storage (SMES)

Technology Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Superconducting Magnetic Energy Storage (SMES) Technology Production Value (2018-2023)

4.4.3 United States Based Manufacturers Superconducting Magnetic Energy Storage (SMES) Technology Production (2018-2023)

4.5 China Based Superconducting Magnetic Energy Storage (SMES) Technology Manufacturers and Market Share

4.5.1 China Based Superconducting Magnetic Energy Storage (SMES) Technology Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Superconducting Magnetic Energy Storage (SMES) Technology Production Value (2018-2023)

4.5.3 China Based Manufacturers Superconducting Magnetic Energy Storage (SMES) Technology Production (2018-2023)

4.6 Rest of World Based Superconducting Magnetic Energy Storage (SMES)

Technology Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Superconducting Magnetic Energy Storage (SMES)

Technology Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Superconducting Magnetic Energy Storage (SMES) Technology Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Superconducting Magnetic Energy Storage (SMES) Technology Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Superconducting Magnetic Energy Storage (SMES) Technology Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 High Temperature SMES

5.2.2 Low Temperature SMES

5.3 Market Segment by Type

5.3.1 World Superconducting Magnetic Energy Storage (SMES) Technology Production by Type (2018-2029)

5.3.2 World Superconducting Magnetic Energy Storage (SMES) Technology Production Value by Type (2018-2029)

5.3.3 World Superconducting Magnetic Energy Storage (SMES) Technology Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Superconducting Magnetic Energy Storage (SMES) Technology Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Power Grid Stabilization

6.2.2 Renewable Energy Integration

6.2.3 Electric Vehicle Charging

6.2.4 Others

6.3 Market Segment by Application

6.3.1 World Superconducting Magnetic Energy Storage (SMES) Technology Production by Application (2018-2029)

6.3.2 World Superconducting Magnetic Energy Storage (SMES) Technology Production Value by Application (2018-2029)

6.3.3 World Superconducting Magnetic Energy Storage (SMES) Technology Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 ABB

7.1.1 ABB Details

7.1.2 ABB Major Business

7.1.3 ABB Superconducting Magnetic Energy Storage (SMES) Technology Product and Services

7.1.4 ABB Superconducting Magnetic Energy Storage (SMES) Technology Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 ABB Recent Developments/Updates

7.1.6 ABB Competitive Strengths & Weaknesses

7.2 American Superconductor Corporation (AMSC)

7.2.1 American Superconductor Corporation (AMSC) Details

7.2.2 American Superconductor Corporation (AMSC) Major Business

7.2.3 American Superconductor Corporation (AMSC) Superconducting Magnetic Energy Storage (SMES) Technology Product and Services

7.2.4 American Superconductor Corporation (AMSC) Superconducting Magnetic Energy Storage (SMES) Technology Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 American Superconductor Corporation (AMSC) Recent Developments/Updates

7.2.6 American Superconductor Corporation (AMSC) Competitive Strengths & Weaknesses

7.3 ASG Superconductors

7.3.1 ASG Superconductors Details

7.3.2 ASG Superconductors Major Business

7.3.3 ASG Superconductors Superconducting Magnetic Energy Storage (SMES)

Technology Product and Services

7.3.4 ASG Superconductors Superconducting Magnetic Energy Storage (SMES)

Technology Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 ASG Superconductors Recent Developments/Updates

7.3.6 ASG Superconductors Competitive Strengths & Weaknesses

7.4 Southwire

7.4.1 Southwire Details

7.4.2 Southwire Major Business

7.4.3 Southwire Superconducting Magnetic Energy Storage (SMES) Technology

Product and Services

7.4.4 Southwire Superconducting Magnetic Energy Storage (SMES) Technology

Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 Southwire Recent Developments/Updates

7.4.6 Southwire Competitive Strengths & Weaknesses

7.5 Hyper Tech Research

7.5.1 Hyper Tech Research Details

7.5.2 Hyper Tech Research Major Business

7.5.3 Hyper Tech Research Superconducting Magnetic Energy Storage (SMES)

Technology Product and Services

7.5.4 Hyper Tech Research Superconducting Magnetic Energy Storage (SMES)

Technology Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.5.5 Hyper Tech Research Recent Developments/Updates

7.5.6 Hyper Tech Research Competitive Strengths & Weaknesses

7.6 Nexans

7.6.1 Nexans Details

7.6.2 Nexans Major Business

7.6.3 Nexans Superconducting Magnetic Energy Storage (SMES) Technology Product and Services

7.6.4 Nexans Superconducting Magnetic Energy Storage (SMES) Technology

Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.6.5 Nexans Recent Developments/Updates

7.6.6 Nexans Competitive Strengths & Weaknesses

7.7 Korea Electrotechnology Research Institute (KERI)

7.7.1 Korea Electrotechnology Research Institute (KERI) Details

7.7.2 Korea Electrotechnology Research Institute (KERI) Major Business

7.7.3 Korea Electrotechnology Research Institute (KERI) Superconducting Magnetic Energy Storage (SMES) Technology Product and Services

7.7.4 Korea Electrotechnology Research Institute (KERI) Superconducting Magnetic Energy Storage (SMES) Technology Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.7.5 Korea Electrotechnology Research Institute (KERI) Recent Developments/Updates

7.7.6 Korea Electrotechnology Research Institute (KERI) Competitive Strengths & Weaknesses

7.8 Luvata

7.8.1 Luvata Details

7.8.2 Luvata Major Business

7.8.3 Luvata Superconducting Magnetic Energy Storage (SMES) Technology Product and Services

7.8.4 Luvata Superconducting Magnetic Energy Storage (SMES) Technology Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.8.5 Luvata Recent Developments/Updates

7.8.6 Luvata Competitive Strengths & Weaknesses

7.9 Bruker Energy & Supercon Technologies

7.9.1 Bruker Energy & Supercon Technologies Details

7.9.2 Bruker Energy & Supercon Technologies Major Business

7.9.3 Bruker Energy & Supercon Technologies Superconducting Magnetic Energy Storage (SMES) Technology Product and Services

7.9.4 Bruker Energy & Supercon Technologies Superconducting Magnetic Energy Storage (SMES) Technology Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.9.5 Bruker Energy & Supercon Technologies Recent Developments/Updates

7.9.6 Bruker Energy & Supercon Technologies Competitive Strengths & Weaknesses

7.10 Fujikura

7.10.1 Fujikura Details

7.10.2 Fujikura Major Business

7.10.3 Fujikura Superconducting Magnetic Energy Storage (SMES) Technology Product and Services

7.10.4 Fujikura Superconducting Magnetic Energy Storage (SMES) Technology Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.10.5 Fujikura Recent Developments/Updates

7.10.6 Fujikura Competitive Strengths & Weaknesses

7.11 Sumitomo Electric Industries

7.11.1 Sumitomo Electric Industries Details

- 7.11.2 Sumitomo Electric Industries Major Business
- 7.11.3 Sumitomo Electric Industries Superconducting Magnetic Energy Storage (SMES) Technology Product and Services
- 7.11.4 Sumitomo Electric Industries Superconducting Magnetic Energy Storage (SMES) Technology Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.11.5 Sumitomo Electric Industries Recent Developments/Updates
- 7.11.6 Sumitomo Electric Industries Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

- 8.1 Superconducting Magnetic Energy Storage (SMES) Technology Industry Chain
- 8.2 Superconducting Magnetic Energy Storage (SMES) Technology Upstream Analysis
 - 8.2.1 Superconducting Magnetic Energy Storage (SMES) Technology Core Raw Materials
 - 8.2.2 Main Manufacturers of Superconducting Magnetic Energy Storage (SMES) Technology Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Superconducting Magnetic Energy Storage (SMES) Technology Production Mode
- 8.6 Superconducting Magnetic Energy Storage (SMES) Technology Procurement Model
- 8.7 Superconducting Magnetic Energy Storage (SMES) Technology Industry Sales Model and Sales Channels
 - 8.7.1 Superconducting Magnetic Energy Storage (SMES) Technology Sales Model
 - 8.7.2 Superconducting Magnetic Energy Storage (SMES) Technology Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

- 10.1 Methodology
- 10.2 Research Process and Data Source
- 10.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Superconducting Magnetic Energy Storage (SMES) Technology Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Superconducting Magnetic Energy Storage (SMES) Technology Production Value by Region (2018-2023) & (USD Million)

Table 3. World Superconducting Magnetic Energy Storage (SMES) Technology Production Value by Region (2024-2029) & (USD Million)

Table 4. World Superconducting Magnetic Energy Storage (SMES) Technology Production Value Market Share by Region (2018-2023)

Table 5. World Superconducting Magnetic Energy Storage (SMES) Technology Production Value Market Share by Region (2024-2029)

Table 6. World Superconducting Magnetic Energy Storage (SMES) Technology Production by Region (2018-2023) & (Units)

Table 7. World Superconducting Magnetic Energy Storage (SMES) Technology Production by Region (2024-2029) & (Units)

Table 8. World Superconducting Magnetic Energy Storage (SMES) Technology Production Market Share by Region (2018-2023)

Table 9. World Superconducting Magnetic Energy Storage (SMES) Technology Production Market Share by Region (2024-2029)

Table 10. World Superconducting Magnetic Energy Storage (SMES) Technology Average Price by Region (2018-2023) & (K US\$/Unit)

Table 11. World Superconducting Magnetic Energy Storage (SMES) Technology Average Price by Region (2024-2029) & (K US\$/Unit)

Table 12. Superconducting Magnetic Energy Storage (SMES) Technology Major Market Trends

Table 13. World Superconducting Magnetic Energy Storage (SMES) Technology Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Units)

Table 14. World Superconducting Magnetic Energy Storage (SMES) Technology Consumption by Region (2018-2023) & (Units)

Table 15. World Superconducting Magnetic Energy Storage (SMES) Technology Consumption Forecast by Region (2024-2029) & (Units)

Table 16. World Superconducting Magnetic Energy Storage (SMES) Technology Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Superconducting Magnetic Energy Storage (SMES) Technology Producers in 2022

Table 18. World Superconducting Magnetic Energy Storage (SMES) Technology

Production by Manufacturer (2018-2023) & (Units)

Table 19. Production Market Share of Key Superconducting Magnetic Energy Storage (SMES) Technology Producers in 2022

Table 20. World Superconducting Magnetic Energy Storage (SMES) Technology Average Price by Manufacturer (2018-2023) & (K US\$/Unit)

Table 21. Global Superconducting Magnetic Energy Storage (SMES) Technology Company Evaluation Quadrant

Table 22. World Superconducting Magnetic Energy Storage (SMES) Technology Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Superconducting Magnetic Energy Storage (SMES) Technology Production Site of Key Manufacturer

Table 24. Superconducting Magnetic Energy Storage (SMES) Technology Market: Company Product Type Footprint

Table 25. Superconducting Magnetic Energy Storage (SMES) Technology Market: Company Product Application Footprint

Table 26. Superconducting Magnetic Energy Storage (SMES) Technology Competitive Factors

Table 27. Superconducting Magnetic Energy Storage (SMES) Technology New Entrant and Capacity Expansion Plans

Table 28. Superconducting Magnetic Energy Storage (SMES) Technology Mergers & Acquisitions Activity

Table 29. United States VS China Superconducting Magnetic Energy Storage (SMES) Technology Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Superconducting Magnetic Energy Storage (SMES) Technology Production Comparison, (2018 & 2022 & 2029) & (Units)

Table 31. United States VS China Superconducting Magnetic Energy Storage (SMES) Technology Consumption Comparison, (2018 & 2022 & 2029) & (Units)

Table 32. United States Based Superconducting Magnetic Energy Storage (SMES) Technology Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Superconducting Magnetic Energy Storage (SMES) Technology Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Superconducting Magnetic Energy Storage (SMES) Technology Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Superconducting Magnetic Energy Storage (SMES) Technology Production (2018-2023) & (Units)

Table 36. United States Based Manufacturers Superconducting Magnetic Energy Storage (SMES) Technology Production Market Share (2018-2023)

Table 37. China Based Superconducting Magnetic Energy Storage (SMES) Technology Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Superconducting Magnetic Energy Storage (SMES) Technology Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Superconducting Magnetic Energy Storage (SMES) Technology Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Superconducting Magnetic Energy Storage (SMES) Technology Production (2018-2023) & (Units)

Table 41. China Based Manufacturers Superconducting Magnetic Energy Storage (SMES) Technology Production Market Share (2018-2023)

Table 42. Rest of World Based Superconducting Magnetic Energy Storage (SMES) Technology Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Superconducting Magnetic Energy Storage (SMES) Technology Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Superconducting Magnetic Energy Storage (SMES) Technology Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Superconducting Magnetic Energy Storage (SMES) Technology Production (2018-2023) & (Units)

Table 46. Rest of World Based Manufacturers Superconducting Magnetic Energy Storage (SMES) Technology Production Market Share (2018-2023)

Table 47. World Superconducting Magnetic Energy Storage (SMES) Technology Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Superconducting Magnetic Energy Storage (SMES) Technology Production by Type (2018-2023) & (Units)

Table 49. World Superconducting Magnetic Energy Storage (SMES) Technology Production by Type (2024-2029) & (Units)

Table 50. World Superconducting Magnetic Energy Storage (SMES) Technology Production Value by Type (2018-2023) & (USD Million)

Table 51. World Superconducting Magnetic Energy Storage (SMES) Technology Production Value by Type (2024-2029) & (USD Million)

Table 52. World Superconducting Magnetic Energy Storage (SMES) Technology Average Price by Type (2018-2023) & (K US\$/Unit)

Table 53. World Superconducting Magnetic Energy Storage (SMES) Technology Average Price by Type (2024-2029) & (K US\$/Unit)

Table 54. World Superconducting Magnetic Energy Storage (SMES) Technology Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Superconducting Magnetic Energy Storage (SMES) Technology Production by Application (2018-2023) & (Units)

Table 56. World Superconducting Magnetic Energy Storage (SMES) Technology Production by Application (2024-2029) & (Units)

Table 57. World Superconducting Magnetic Energy Storage (SMES) Technology

Production Value by Application (2018-2023) & (USD Million)

Table 58. World Superconducting Magnetic Energy Storage (SMES) Technology

Production Value by Application (2024-2029) & (USD Million)

Table 59. World Superconducting Magnetic Energy Storage (SMES) Technology

Average Price by Application (2018-2023) & (K US\$/Unit)

Table 60. World Superconducting Magnetic Energy Storage (SMES) Technology

Average Price by Application (2024-2029) & (K US\$/Unit)

Table 61. ABB Basic Information, Manufacturing Base and Competitors

Table 62. ABB Major Business

Table 63. ABB Superconducting Magnetic Energy Storage (SMES) Technology Product and Services

Table 64. ABB Superconducting Magnetic Energy Storage (SMES) Technology

Production (Units), Price (K US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. ABB Recent Developments/Updates

Table 66. ABB Competitive Strengths & Weaknesses

Table 67. American Superconductor Corporation (AMSC) Basic Information, Manufacturing Base and Competitors

Table 68. American Superconductor Corporation (AMSC) Major Business

Table 69. American Superconductor Corporation (AMSC) Superconducting Magnetic Energy Storage (SMES) Technology Product and Services

Table 70. American Superconductor Corporation (AMSC) Superconducting Magnetic Energy Storage (SMES) Technology Production (Units), Price (K US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. American Superconductor Corporation (AMSC) Recent Developments/Updates

Table 72. American Superconductor Corporation (AMSC) Competitive Strengths & Weaknesses

Table 73. ASG Superconductors Basic Information, Manufacturing Base and Competitors

Table 74. ASG Superconductors Major Business

Table 75. ASG Superconductors Superconducting Magnetic Energy Storage (SMES) Technology Product and Services

Table 76. ASG Superconductors Superconducting Magnetic Energy Storage (SMES) Technology Production (Units), Price (K US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. ASG Superconductors Recent Developments/Updates

Table 78. ASG Superconductors Competitive Strengths & Weaknesses

Table 79. Southwire Basic Information, Manufacturing Base and Competitors

Table 80. Southwire Major Business

Table 81. Southwire Superconducting Magnetic Energy Storage (SMES) Technology Product and Services

Table 82. Southwire Superconducting Magnetic Energy Storage (SMES) Technology Production (Units), Price (K US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Southwire Recent Developments/Updates

Table 84. Southwire Competitive Strengths & Weaknesses

Table 85. Hyper Tech Research Basic Information, Manufacturing Base and Competitors

Table 86. Hyper Tech Research Major Business

Table 87. Hyper Tech Research Superconducting Magnetic Energy Storage (SMES) Technology Product and Services

Table 88. Hyper Tech Research Superconducting Magnetic Energy Storage (SMES) Technology Production (Units), Price (K US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Hyper Tech Research Recent Developments/Updates

Table 90. Hyper Tech Research Competitive Strengths & Weaknesses

Table 91. Nexans Basic Information, Manufacturing Base and Competitors

Table 92. Nexans Major Business

Table 93. Nexans Superconducting Magnetic Energy Storage (SMES) Technology Product and Services

Table 94. Nexans Superconducting Magnetic Energy Storage (SMES) Technology Production (Units), Price (K US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Nexans Recent Developments/Updates

Table 96. Nexans Competitive Strengths & Weaknesses

Table 97. Korea Electrotechnology Research Institute (KERI) Basic Information, Manufacturing Base and Competitors

Table 98. Korea Electrotechnology Research Institute (KERI) Major Business

Table 99. Korea Electrotechnology Research Institute (KERI) Superconducting Magnetic Energy Storage (SMES) Technology Product and Services

Table 100. Korea Electrotechnology Research Institute (KERI) Superconducting Magnetic Energy Storage (SMES) Technology Production (Units), Price (K US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Korea Electrotechnology Research Institute (KERI) Recent Developments/Updates

Table 102. Korea Electrotechnology Research Institute (KERI) Competitive Strengths & Weaknesses

Table 103. Luvata Basic Information, Manufacturing Base and Competitors
Table 104. Luvata Major Business
Table 105. Luvata Superconducting Magnetic Energy Storage (SMES) Technology Product and Services
Table 106. Luvata Superconducting Magnetic Energy Storage (SMES) Technology Production (Units), Price (K US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 107. Luvata Recent Developments/Updates
Table 108. Luvata Competitive Strengths & Weaknesses
Table 109. Bruker Energy & Supercon Technologies Basic Information, Manufacturing Base and Competitors
Table 110. Bruker Energy & Supercon Technologies Major Business
Table 111. Bruker Energy & Supercon Technologies Superconducting Magnetic Energy Storage (SMES) Technology Product and Services
Table 112. Bruker Energy & Supercon Technologies Superconducting Magnetic Energy Storage (SMES) Technology Production (Units), Price (K US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 113. Bruker Energy & Supercon Technologies Recent Developments/Updates
Table 114. Bruker Energy & Supercon Technologies Competitive Strengths & Weaknesses
Table 115. Fujikura Basic Information, Manufacturing Base and Competitors
Table 116. Fujikura Major Business
Table 117. Fujikura Superconducting Magnetic Energy Storage (SMES) Technology Product and Services
Table 118. Fujikura Superconducting Magnetic Energy Storage (SMES) Technology Production (Units), Price (K US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 119. Fujikura Recent Developments/Updates
Table 120. Sumitomo Electric Industries Basic Information, Manufacturing Base and Competitors
Table 121. Sumitomo Electric Industries Major Business
Table 122. Sumitomo Electric Industries Superconducting Magnetic Energy Storage (SMES) Technology Product and Services
Table 123. Sumitomo Electric Industries Superconducting Magnetic Energy Storage (SMES) Technology Production (Units), Price (K US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 124. Global Key Players of Superconducting Magnetic Energy Storage (SMES) Technology Upstream (Raw Materials)
Table 125. Superconducting Magnetic Energy Storage (SMES) Technology Typical

Customers

Table 126. Superconducting Magnetic Energy Storage (SMES) Technology Typical
Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Superconducting Magnetic Energy Storage (SMES) Technology Picture

Figure 2. World Superconducting Magnetic Energy Storage (SMES) Technology Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Superconducting Magnetic Energy Storage (SMES) Technology Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Superconducting Magnetic Energy Storage (SMES) Technology Production (2018-2029) & (Units)

Figure 5. World Superconducting Magnetic Energy Storage (SMES) Technology Average Price (2018-2029) & (K US\$/Unit)

Figure 6. World Superconducting Magnetic Energy Storage (SMES) Technology Production Value Market Share by Region (2018-2029)

Figure 7. World Superconducting Magnetic Energy Storage (SMES) Technology Production Market Share by Region (2018-2029)

Figure 8. North America Superconducting Magnetic Energy Storage (SMES) Technology Production (2018-2029) & (Units)

Figure 9. Europe Superconducting Magnetic Energy Storage (SMES) Technology Production (2018-2029) & (Units)

Figure 10. China Superconducting Magnetic Energy Storage (SMES) Technology Production (2018-2029) & (Units)

Figure 11. Japan Superconducting Magnetic Energy Storage (SMES) Technology Production (2018-2029) & (Units)

Figure 12. Superconducting Magnetic Energy Storage (SMES) Technology Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Superconducting Magnetic Energy Storage (SMES) Technology Consumption (2018-2029) & (Units)

Figure 15. World Superconducting Magnetic Energy Storage (SMES) Technology Consumption Market Share by Region (2018-2029)

Figure 16. United States Superconducting Magnetic Energy Storage (SMES) Technology Consumption (2018-2029) & (Units)

Figure 17. China Superconducting Magnetic Energy Storage (SMES) Technology Consumption (2018-2029) & (Units)

Figure 18. Europe Superconducting Magnetic Energy Storage (SMES) Technology Consumption (2018-2029) & (Units)

Figure 19. Japan Superconducting Magnetic Energy Storage (SMES) Technology

Consumption (2018-2029) & (Units)

Figure 20. South Korea Superconducting Magnetic Energy Storage (SMES) Technology Consumption (2018-2029) & (Units)

Figure 21. ASEAN Superconducting Magnetic Energy Storage (SMES) Technology Consumption (2018-2029) & (Units)

Figure 22. India Superconducting Magnetic Energy Storage (SMES) Technology Consumption (2018-2029) & (Units)

Figure 23. Producer Shipments of Superconducting Magnetic Energy Storage (SMES) Technology by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 24. Global Four-firm Concentration Ratios (CR4) for Superconducting Magnetic Energy Storage (SMES) Technology Markets in 2022

Figure 25. Global Four-firm Concentration Ratios (CR8) for Superconducting Magnetic Energy Storage (SMES) Technology Markets in 2022

Figure 26. United States VS China: Superconducting Magnetic Energy Storage (SMES) Technology Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: Superconducting Magnetic Energy Storage (SMES) Technology Production Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Superconducting Magnetic Energy Storage (SMES) Technology Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers Superconducting Magnetic Energy Storage (SMES) Technology Production Market Share 2022

Figure 30. China Based Manufacturers Superconducting Magnetic Energy Storage (SMES) Technology Production Market Share 2022

Figure 31. Rest of World Based Manufacturers Superconducting Magnetic Energy Storage (SMES) Technology Production Market Share 2022

Figure 32. World Superconducting Magnetic Energy Storage (SMES) Technology Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 33. World Superconducting Magnetic Energy Storage (SMES) Technology Production Value Market Share by Type in 2022

Figure 34. High Temperature SMES

Figure 35. Low Temperature SMES

Figure 36. World Superconducting Magnetic Energy Storage (SMES) Technology Production Market Share by Type (2018-2029)

Figure 37. World Superconducting Magnetic Energy Storage (SMES) Technology Production Value Market Share by Type (2018-2029)

Figure 38. World Superconducting Magnetic Energy Storage (SMES) Technology Average Price by Type (2018-2029) & (K US\$/Unit)

Figure 39. World Superconducting Magnetic Energy Storage (SMES) Technology Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 40. World Superconducting Magnetic Energy Storage (SMES) Technology Production Value Market Share by Application in 2022

Figure 41. Power Grid Stabilization

Figure 42. Renewable Energy Integration

Figure 43. Electric Vehicle Charging

Figure 44. Others

Figure 45. World Superconducting Magnetic Energy Storage (SMES) Technology Production Market Share by Application (2018-2029)

Figure 46. World Superconducting Magnetic Energy Storage (SMES) Technology Production Value Market Share by Application (2018-2029)

Figure 47. World Superconducting Magnetic Energy Storage (SMES) Technology Average Price by Application (2018-2029) & (K US\$/Unit)

Figure 48. Superconducting Magnetic Energy Storage (SMES) Technology Industry Chain

Figure 49. Superconducting Magnetic Energy Storage (SMES) Technology Procurement Model

Figure 50. Superconducting Magnetic Energy Storage (SMES) Technology Sales Model

Figure 51. Superconducting Magnetic Energy Storage (SMES) Technology Sales Channels, Direct Sales, and Distribution

Figure 52. Methodology

Figure 53. Research Process and Data Source

I would like to order

Product name: Global Superconducting Magnetic Energy Storage (SMES) Technology Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/G8828639409DEN.html>

Price: US\$ 4,480.00 (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/G8828639409DEN.html>