

Global Permanent Magnet Synchronous Motor Market Growth 2024-2030

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Abstracts

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According to our LPI (LP Information) latest study, the global Permanent Magnet Synchronous Motor market size was valued at US\$ 13160 million in 2023. With growing demand in downstream market, the Permanent Magnet Synchronous Motor is forecast to a readjusted size of US\$ 16650 million by 2030 with a CAGR of 3.4% during review period.

The research report highlights the growth potential of the global Permanent Magnet Synchronous Motor market. Permanent Magnet Synchronous Motor are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of Permanent Magnet Synchronous Motor. Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the Permanent Magnet Synchronous Motor market.

A permanent magnet synchronous motor (PMSM) uses permanent magnets embedded in the steel rotor to create a constant magnetic field. The stator carries windings connected to an AC supply to produce a rotating magnetic field. At synchronous speed the rotor poles lock to the rotating magnetic field. Permanent magnet synchronous motors are similar to brushless DC motors.

The major players in global Permanent Magnet Synchronous Motor (PMSM) market include Mitsubishi Electric, HITACHI, ABB, etc. The top 3 players occupy about 20% shares of the global market. Asia-Pacific and Europe are main markets, they occupy

about 70% of the global market. 10-50Kw is the main type, with a share about 40%. Industry & Automation is the main application, which holds a share about 60%.

Key Features:

The report on Permanent Magnet Synchronous Motor market reflects various aspects and provide valuable insights into the industry.

Market Size and Growth: The research report provide an overview of the current size and growth of the Permanent Magnet Synchronous Motor market. It may include historical data, market segmentation by Type (e.g., Above 60V, 41V?60V), and regional breakdowns.

Market Drivers and Challenges: The report can identify and analyse the factors driving the growth of the Permanent Magnet Synchronous Motor market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

Competitive Landscape: The research report provides analysis of the competitive landscape within the Permanent Magnet Synchronous Motor market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

Technological Developments: The research report can delve into the latest technological developments in the Permanent Magnet Synchronous Motor industry. This include advancements in Permanent Magnet Synchronous Motor technology, Permanent Magnet Synchronous Motor new entrants, Permanent Magnet Synchronous Motor new investment, and other innovations that are shaping the future of Permanent Magnet Synchronous Motor.

Downstream Procumbent Preference: The report can shed light on customer procumbent behaviour and adoption trends in the Permanent Magnet Synchronous Motor market. It includes factors influencing customer ' purchasing decisions, preferences for Permanent Magnet Synchronous Motor product.

Government Policies and Incentives: The research report analyse the impact of government policies and incentives on the Permanent Magnet Synchronous Motor market. This may include an assessment of regulatory frameworks, subsidies, tax

incentives, and other measures aimed at promoting Permanent Magnet Synchronous Motor market. The report also evaluates the effectiveness of these policies in driving market growth.

Environmental Impact and Sustainability: The research report assess the environmental impact and sustainability aspects of the Permanent Magnet Synchronous Motor market.

Market Forecasts and Future Outlook: Based on the analysis conducted, the research report provide market forecasts and outlook for the Permanent Magnet Synchronous Motor industry. This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

Recommendations and Opportunities: The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the Permanent Magnet Synchronous Motor market.

Market Segmentation:

Permanent Magnet Synchronous Motor market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Segmentation by type

Above 60V

41V?60V

31V?40V

21V?30V

10V?20V

9V and Below

Segmentation by application

Automation

Consumer Electronics

Residential & Commercial

Automotive & Transportation

Lab Equipment

Medical

Military/Aerospace

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

DRS Technologies

Emerson

General Electric

Siemens AG

Mitsubishi Electric

Toshiba Corp

Ningbo volcanic electric co.,LTD

Electric Motor Solutions

ElectroCraft, Inc

ARC Systems, Inc

WEG Electric Corp

Rex Engineering Corp

Key Questions Addressed in this Report

What is the 10-year outlook for the global Permanent Magnet Synchronous Motor market?

What factors are driving Permanent Magnet Synchronous Motor market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Permanent Magnet Synchronous Motor market opportunities vary by end market size?

How does Permanent Magnet Synchronous Motor break out type, application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Permanent Magnet Synchronous Motor Annual Sales 2019-2030
 - 2.1.2 World Current & Future Analysis for Permanent Magnet Synchronous Motor by Geographic Region, 2019, 2023 & 2030
 - 2.1.3 World Current & Future Analysis for Permanent Magnet Synchronous Motor by Country/Region, 2019, 2023 & 2030
- 2.2 Permanent Magnet Synchronous Motor Segment by Type
 - 2.2.1 Above 60V
 - 2.2.2 41V?60V
 - 2.2.3 31V?40V
 - 2.2.4 21V?30V
 - 2.2.5 10V?20V
 - 2.2.6 9V and Below
- 2.3 Permanent Magnet Synchronous Motor Sales by Type
 - 2.3.1 Global Permanent Magnet Synchronous Motor Sales Market Share by Type (2019-2024)
 - 2.3.2 Global Permanent Magnet Synchronous Motor Revenue and Market Share by Type (2019-2024)
 - 2.3.3 Global Permanent Magnet Synchronous Motor Sale Price by Type (2019-2024)
- 2.4 Permanent Magnet Synchronous Motor Segment by Application
 - 2.4.1 Automation
 - 2.4.2 Consumer Electronics
 - 2.4.3 Residential & Commercial
 - 2.4.4 Automotive & Transportation

2.4.5 Lab Equipment

2.4.6 Medical

2.4.7 Military/Aerospace

2.5 Permanent Magnet Synchronous Motor Sales by Application

2.5.1 Global Permanent Magnet Synchronous Motor Sale Market Share by Application (2019-2024)

2.5.2 Global Permanent Magnet Synchronous Motor Revenue and Market Share by Application (2019-2024)

2.5.3 Global Permanent Magnet Synchronous Motor Sale Price by Application (2019-2024)

3 GLOBAL PERMANENT MAGNET SYNCHRONOUS MOTOR BY COMPANY

3.1 Global Permanent Magnet Synchronous Motor Breakdown Data by Company

3.1.1 Global Permanent Magnet Synchronous Motor Annual Sales by Company (2019-2024)

3.1.2 Global Permanent Magnet Synchronous Motor Sales Market Share by Company (2019-2024)

3.2 Global Permanent Magnet Synchronous Motor Annual Revenue by Company (2019-2024)

3.2.1 Global Permanent Magnet Synchronous Motor Revenue by Company (2019-2024)

3.2.2 Global Permanent Magnet Synchronous Motor Revenue Market Share by Company (2019-2024)

3.3 Global Permanent Magnet Synchronous Motor Sale Price by Company

3.4 Key Manufacturers Permanent Magnet Synchronous Motor Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Permanent Magnet Synchronous Motor Product Location Distribution

3.4.2 Players Permanent Magnet Synchronous Motor Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR PERMANENT MAGNET SYNCHRONOUS MOTOR BY GEOGRAPHIC REGION

4.1 World Historic Permanent Magnet Synchronous Motor Market Size by Geographic Region (2019-2024)

4.1.1 Global Permanent Magnet Synchronous Motor Annual Sales by Geographic Region (2019-2024)

4.1.2 Global Permanent Magnet Synchronous Motor Annual Revenue by Geographic Region (2019-2024)

4.2 World Historic Permanent Magnet Synchronous Motor Market Size by Country/Region (2019-2024)

4.2.1 Global Permanent Magnet Synchronous Motor Annual Sales by Country/Region (2019-2024)

4.2.2 Global Permanent Magnet Synchronous Motor Annual Revenue by Country/Region (2019-2024)

4.3 Americas Permanent Magnet Synchronous Motor Sales Growth

4.4 APAC Permanent Magnet Synchronous Motor Sales Growth

4.5 Europe Permanent Magnet Synchronous Motor Sales Growth

4.6 Middle East & Africa Permanent Magnet Synchronous Motor Sales Growth

5 AMERICAS

5.1 Americas Permanent Magnet Synchronous Motor Sales by Country

5.1.1 Americas Permanent Magnet Synchronous Motor Sales by Country (2019-2024)

5.1.2 Americas Permanent Magnet Synchronous Motor Revenue by Country (2019-2024)

5.2 Americas Permanent Magnet Synchronous Motor Sales by Type

5.3 Americas Permanent Magnet Synchronous Motor Sales by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Permanent Magnet Synchronous Motor Sales by Region

6.1.1 APAC Permanent Magnet Synchronous Motor Sales by Region (2019-2024)

6.1.2 APAC Permanent Magnet Synchronous Motor Revenue by Region (2019-2024)

6.2 APAC Permanent Magnet Synchronous Motor Sales by Type

6.3 APAC Permanent Magnet Synchronous Motor Sales by Application

6.4 China

6.5 Japan

- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

7 EUROPE

- 7.1 Europe Permanent Magnet Synchronous Motor by Country
 - 7.1.1 Europe Permanent Magnet Synchronous Motor Sales by Country (2019-2024)
 - 7.1.2 Europe Permanent Magnet Synchronous Motor Revenue by Country (2019-2024)
- 7.2 Europe Permanent Magnet Synchronous Motor Sales by Type
- 7.3 Europe Permanent Magnet Synchronous Motor Sales by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Permanent Magnet Synchronous Motor by Country
 - 8.1.1 Middle East & Africa Permanent Magnet Synchronous Motor Sales by Country (2019-2024)
 - 8.1.2 Middle East & Africa Permanent Magnet Synchronous Motor Revenue by Country (2019-2024)
- 8.2 Middle East & Africa Permanent Magnet Synchronous Motor Sales by Type
- 8.3 Middle East & Africa Permanent Magnet Synchronous Motor Sales by Application
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Permanent Magnet Synchronous Motor

10.3 Manufacturing Process Analysis of Permanent Magnet Synchronous Motor

10.4 Industry Chain Structure of Permanent Magnet Synchronous Motor

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Permanent Magnet Synchronous Motor Distributors

11.3 Permanent Magnet Synchronous Motor Customer

12 WORLD FORECAST REVIEW FOR PERMANENT MAGNET SYNCHRONOUS MOTOR BY GEOGRAPHIC REGION

12.1 Global Permanent Magnet Synchronous Motor Market Size Forecast by Region

12.1.1 Global Permanent Magnet Synchronous Motor Forecast by Region (2025-2030)

12.1.2 Global Permanent Magnet Synchronous Motor Annual Revenue Forecast by Region (2025-2030)

12.2 Americas Forecast by Country

12.3 APAC Forecast by Region

12.4 Europe Forecast by Country

12.5 Middle East & Africa Forecast by Country

12.6 Global Permanent Magnet Synchronous Motor Forecast by Type

12.7 Global Permanent Magnet Synchronous Motor Forecast by Application

13 KEY PLAYERS ANALYSIS

13.1 DRS Technologies

13.1.1 DRS Technologies Company Information

13.1.2 DRS Technologies Permanent Magnet Synchronous Motor Product Portfolios and Specifications

13.1.3 DRS Technologies Permanent Magnet Synchronous Motor Sales, Revenue, Price and Gross Margin (2019-2024)

- 13.1.4 DRS Technologies Main Business Overview
- 13.1.5 DRS Technologies Latest Developments
- 13.2 Emerson
 - 13.2.1 Emerson Company Information
 - 13.2.2 Emerson Permanent Magnet Synchronous Motor Product Portfolios and Specifications
 - 13.2.3 Emerson Permanent Magnet Synchronous Motor Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.2.4 Emerson Main Business Overview
 - 13.2.5 Emerson Latest Developments
- 13.3 General Electric
 - 13.3.1 General Electric Company Information
 - 13.3.2 General Electric Permanent Magnet Synchronous Motor Product Portfolios and Specifications
 - 13.3.3 General Electric Permanent Magnet Synchronous Motor Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.3.4 General Electric Main Business Overview
 - 13.3.5 General Electric Latest Developments
- 13.4 Siemens AG
 - 13.4.1 Siemens AG Company Information
 - 13.4.2 Siemens AG Permanent Magnet Synchronous Motor Product Portfolios and Specifications
 - 13.4.3 Siemens AG Permanent Magnet Synchronous Motor Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.4.4 Siemens AG Main Business Overview
 - 13.4.5 Siemens AG Latest Developments
- 13.5 Mitsubishi Electric
 - 13.5.1 Mitsubishi Electric Company Information
 - 13.5.2 Mitsubishi Electric Permanent Magnet Synchronous Motor Product Portfolios and Specifications
 - 13.5.3 Mitsubishi Electric Permanent Magnet Synchronous Motor Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.5.4 Mitsubishi Electric Main Business Overview
 - 13.5.5 Mitsubishi Electric Latest Developments
- 13.6 Toshiba Corp
 - 13.6.1 Toshiba Corp Company Information
 - 13.6.2 Toshiba Corp Permanent Magnet Synchronous Motor Product Portfolios and Specifications
 - 13.6.3 Toshiba Corp Permanent Magnet Synchronous Motor Sales, Revenue, Price

and Gross Margin (2019-2024)

13.6.4 Toshiba Corp Main Business Overview

13.6.5 Toshiba Corp Latest Developments

13.7 Ningbo volcanic electric co.,LTD

13.7.1 Ningbo volcanic electric co.,LTD Company Information

13.7.2 Ningbo volcanic electric co.,LTD Permanent Magnet Synchronous Motor

Product Portfolios and Specifications

13.7.3 Ningbo volcanic electric co.,LTD Permanent Magnet Synchronous Motor Sales, Revenue, Price and Gross Margin (2019-2024)

13.7.4 Ningbo volcanic electric co.,LTD Main Business Overview

13.7.5 Ningbo volcanic electric co.,LTD Latest Developments

13.8 Electric Motor Solutions

13.8.1 Electric Motor Solutions Company Information

13.8.2 Electric Motor Solutions Permanent Magnet Synchronous Motor Product

Portfolios and Specifications

13.8.3 Electric Motor Solutions Permanent Magnet Synchronous Motor Sales, Revenue, Price and Gross Margin (2019-2024)

13.8.4 Electric Motor Solutions Main Business Overview

13.8.5 Electric Motor Solutions Latest Developments

13.9 ElectroCraft, Inc

13.9.1 ElectroCraft, Inc Company Information

13.9.2 ElectroCraft, Inc Permanent Magnet Synchronous Motor Product Portfolios and Specifications

13.9.3 ElectroCraft, Inc Permanent Magnet Synchronous Motor Sales, Revenue, Price and Gross Margin (2019-2024)

13.9.4 ElectroCraft, Inc Main Business Overview

13.9.5 ElectroCraft, Inc Latest Developments

13.10 ARC Systems, Inc

13.10.1 ARC Systems, Inc Company Information

13.10.2 ARC Systems, Inc Permanent Magnet Synchronous Motor Product Portfolios and Specifications

13.10.3 ARC Systems, Inc Permanent Magnet Synchronous Motor Sales, Revenue, Price and Gross Margin (2019-2024)

13.10.4 ARC Systems, Inc Main Business Overview

13.10.5 ARC Systems, Inc Latest Developments

13.11 WEG Electric Corp

13.11.1 WEG Electric Corp Company Information

13.11.2 WEG Electric Corp Permanent Magnet Synchronous Motor Product Portfolios and Specifications

13.11.3 WEG Electric Corp Permanent Magnet Synchronous Motor Sales, Revenue, Price and Gross Margin (2019-2024)

13.11.4 WEG Electric Corp Main Business Overview

13.11.5 WEG Electric Corp Latest Developments

13.12 Rex Engineering Corp

13.12.1 Rex Engineering Corp Company Information

13.12.2 Rex Engineering Corp Permanent Magnet Synchronous Motor Product Portfolios and Specifications

13.12.3 Rex Engineering Corp Permanent Magnet Synchronous Motor Sales, Revenue, Price and Gross Margin (2019-2024)

13.12.4 Rex Engineering Corp Main Business Overview

13.12.5 Rex Engineering Corp Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

- Table 1. Permanent Magnet Synchronous Motor Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)
- Table 2. Permanent Magnet Synchronous Motor Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)
- Table 3. Major Players of Above 60V
- Table 4. Major Players of 41V?60V
- Table 5. Major Players of 31V?40V
- Table 6. Major Players of 21V?30V
- Table 7. Major Players of 10V?20V
- Table 8. Major Players of 9V and Below
- Table 9. Global Permanent Magnet Synchronous Motor Sales by Type (2019-2024) & (K Units)
- Table 10. Global Permanent Magnet Synchronous Motor Sales Market Share by Type (2019-2024)
- Table 11. Global Permanent Magnet Synchronous Motor Revenue by Type (2019-2024) & (\$ million)
- Table 12. Global Permanent Magnet Synchronous Motor Revenue Market Share by Type (2019-2024)
- Table 13. Global Permanent Magnet Synchronous Motor Sale Price by Type (2019-2024) & (USD/Unit)
- Table 14. Global Permanent Magnet Synchronous Motor Sales by Application (2019-2024) & (K Units)
- Table 15. Global Permanent Magnet Synchronous Motor Sales Market Share by Application (2019-2024)
- Table 16. Global Permanent Magnet Synchronous Motor Revenue by Application (2019-2024)
- Table 17. Global Permanent Magnet Synchronous Motor Revenue Market Share by Application (2019-2024)
- Table 18. Global Permanent Magnet Synchronous Motor Sale Price by Application (2019-2024) & (USD/Unit)
- Table 19. Global Permanent Magnet Synchronous Motor Sales by Company (2019-2024) & (K Units)
- Table 20. Global Permanent Magnet Synchronous Motor Sales Market Share by Company (2019-2024)
- Table 21. Global Permanent Magnet Synchronous Motor Revenue by Company

(2019-2024) (\$ Millions)

Table 22. Global Permanent Magnet Synchronous Motor Revenue Market Share by Company (2019-2024)

Table 23. Global Permanent Magnet Synchronous Motor Sale Price by Company (2019-2024) & (USD/Unit)

Table 24. Key Manufacturers Permanent Magnet Synchronous Motor Producing Area Distribution and Sales Area

Table 25. Players Permanent Magnet Synchronous Motor Products Offered

Table 26. Permanent Magnet Synchronous Motor Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 27. New Products and Potential Entrants

Table 28. Mergers & Acquisitions, Expansion

Table 29. Global Permanent Magnet Synchronous Motor Sales by Geographic Region (2019-2024) & (K Units)

Table 30. Global Permanent Magnet Synchronous Motor Sales Market Share Geographic Region (2019-2024)

Table 31. Global Permanent Magnet Synchronous Motor Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 32. Global Permanent Magnet Synchronous Motor Revenue Market Share by Geographic Region (2019-2024)

Table 33. Global Permanent Magnet Synchronous Motor Sales by Country/Region (2019-2024) & (K Units)

Table 34. Global Permanent Magnet Synchronous Motor Sales Market Share by Country/Region (2019-2024)

Table 35. Global Permanent Magnet Synchronous Motor Revenue by Country/Region (2019-2024) & (\$ millions)

Table 36. Global Permanent Magnet Synchronous Motor Revenue Market Share by Country/Region (2019-2024)

Table 37. Americas Permanent Magnet Synchronous Motor Sales by Country (2019-2024) & (K Units)

Table 38. Americas Permanent Magnet Synchronous Motor Sales Market Share by Country (2019-2024)

Table 39. Americas Permanent Magnet Synchronous Motor Revenue by Country (2019-2024) & (\$ Millions)

Table 40. Americas Permanent Magnet Synchronous Motor Revenue Market Share by Country (2019-2024)

Table 41. Americas Permanent Magnet Synchronous Motor Sales by Type (2019-2024) & (K Units)

Table 42. Americas Permanent Magnet Synchronous Motor Sales by Application

(2019-2024) & (K Units)

Table 43. APAC Permanent Magnet Synchronous Motor Sales by Region (2019-2024) & (K Units)

Table 44. APAC Permanent Magnet Synchronous Motor Sales Market Share by Region (2019-2024)

Table 45. APAC Permanent Magnet Synchronous Motor Revenue by Region (2019-2024) & (\$ Millions)

Table 46. APAC Permanent Magnet Synchronous Motor Revenue Market Share by Region (2019-2024)

Table 47. APAC Permanent Magnet Synchronous Motor Sales by Type (2019-2024) & (K Units)

Table 48. APAC Permanent Magnet Synchronous Motor Sales by Application (2019-2024) & (K Units)

Table 49. Europe Permanent Magnet Synchronous Motor Sales by Country (2019-2024) & (K Units)

Table 50. Europe Permanent Magnet Synchronous Motor Sales Market Share by Country (2019-2024)

Table 51. Europe Permanent Magnet Synchronous Motor Revenue by Country (2019-2024) & (\$ Millions)

Table 52. Europe Permanent Magnet Synchronous Motor Revenue Market Share by Country (2019-2024)

Table 53. Europe Permanent Magnet Synchronous Motor Sales by Type (2019-2024) & (K Units)

Table 54. Europe Permanent Magnet Synchronous Motor Sales by Application (2019-2024) & (K Units)

Table 55. Middle East & Africa Permanent Magnet Synchronous Motor Sales by Country (2019-2024) & (K Units)

Table 56. Middle East & Africa Permanent Magnet Synchronous Motor Sales Market Share by Country (2019-2024)

Table 57. Middle East & Africa Permanent Magnet Synchronous Motor Revenue by Country (2019-2024) & (\$ Millions)

Table 58. Middle East & Africa Permanent Magnet Synchronous Motor Revenue Market Share by Country (2019-2024)

Table 59. Middle East & Africa Permanent Magnet Synchronous Motor Sales by Type (2019-2024) & (K Units)

Table 60. Middle East & Africa Permanent Magnet Synchronous Motor Sales by Application (2019-2024) & (K Units)

Table 61. Key Market Drivers & Growth Opportunities of Permanent Magnet Synchronous Motor

Table 62. Key Market Challenges & Risks of Permanent Magnet Synchronous Motor

Table 63. Key Industry Trends of Permanent Magnet Synchronous Motor

Table 64. Permanent Magnet Synchronous Motor Raw Material

Table 65. Key Suppliers of Raw Materials

Table 66. Permanent Magnet Synchronous Motor Distributors List

Table 67. Permanent Magnet Synchronous Motor Customer List

Table 68. Global Permanent Magnet Synchronous Motor Sales Forecast by Region (2025-2030) & (K Units)

Table 69. Global Permanent Magnet Synchronous Motor Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 70. Americas Permanent Magnet Synchronous Motor Sales Forecast by Country (2025-2030) & (K Units)

Table 71. Americas Permanent Magnet Synchronous Motor Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 72. APAC Permanent Magnet Synchronous Motor Sales Forecast by Region (2025-2030) & (K Units)

Table 73. APAC Permanent Magnet Synchronous Motor Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 74. Europe Permanent Magnet Synchronous Motor Sales Forecast by Country (2025-2030) & (K Units)

Table 75. Europe Permanent Magnet Synchronous Motor Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 76. Middle East & Africa Permanent Magnet Synchronous Motor Sales Forecast by Country (2025-2030) & (K Units)

Table 77. Middle East & Africa Permanent Magnet Synchronous Motor Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 78. Global Permanent Magnet Synchronous Motor Sales Forecast by Type (2025-2030) & (K Units)

Table 79. Global Permanent Magnet Synchronous Motor Revenue Forecast by Type (2025-2030) & (\$ Millions)

Table 80. Global Permanent Magnet Synchronous Motor Sales Forecast by Application (2025-2030) & (K Units)

Table 81. Global Permanent Magnet Synchronous Motor Revenue Forecast by Application (2025-2030) & (\$ Millions)

Table 82. DRS Technologies Basic Information, Permanent Magnet Synchronous Motor Manufacturing Base, Sales Area and Its Competitors

Table 83. DRS Technologies Permanent Magnet Synchronous Motor Product Portfolios and Specifications

Table 84. DRS Technologies Permanent Magnet Synchronous Motor Sales (K Units),

Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 85. DRS Technologies Main Business

Table 86. DRS Technologies Latest Developments

Table 87. Emerson Basic Information, Permanent Magnet Synchronous Motor Manufacturing Base, Sales Area and Its Competitors

Table 88. Emerson Permanent Magnet Synchronous Motor Product Portfolios and Specifications

Table 89. Emerson Permanent Magnet Synchronous Motor Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 90. Emerson Main Business

Table 91. Emerson Latest Developments

Table 92. General Electric Basic Information, Permanent Magnet Synchronous Motor Manufacturing Base, Sales Area and Its Competitors

Table 93. General Electric Permanent Magnet Synchronous Motor Product Portfolios and Specifications

Table 94. General Electric Permanent Magnet Synchronous Motor Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 95. General Electric Main Business

Table 96. General Electric Latest Developments

Table 97. Siemens AG Basic Information, Permanent Magnet Synchronous Motor Manufacturing Base, Sales Area and Its Competitors

Table 98. Siemens AG Permanent Magnet Synchronous Motor Product Portfolios and Specifications

Table 99. Siemens AG Permanent Magnet Synchronous Motor Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 100. Siemens AG Main Business

Table 101. Siemens AG Latest Developments

Table 102. Mitsubishi Electric Basic Information, Permanent Magnet Synchronous Motor Manufacturing Base, Sales Area and Its Competitors

Table 103. Mitsubishi Electric Permanent Magnet Synchronous Motor Product Portfolios and Specifications

Table 104. Mitsubishi Electric Permanent Magnet Synchronous Motor Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 105. Mitsubishi Electric Main Business

Table 106. Mitsubishi Electric Latest Developments

Table 107. Toshiba Corp Basic Information, Permanent Magnet Synchronous Motor Manufacturing Base, Sales Area and Its Competitors

Table 108. Toshiba Corp Permanent Magnet Synchronous Motor Product Portfolios and Specifications

Table 109. Toshiba Corp Permanent Magnet Synchronous Motor Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 110. Toshiba Corp Main Business

Table 111. Toshiba Corp Latest Developments

Table 112. Ningbo volcanic electric co.,LTD Basic Information, Permanent Magnet Synchronous Motor Manufacturing Base, Sales Area and Its Competitors

Table 113. Ningbo volcanic electric co.,LTD Permanent Magnet Synchronous Motor Product Portfolios and Specifications

Table 114. Ningbo volcanic electric co.,LTD Permanent Magnet Synchronous Motor Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 115. Ningbo volcanic electric co.,LTD Main Business

Table 116. Ningbo volcanic electric co.,LTD Latest Developments

Table 117. Electric Motor Solutions Basic Information, Permanent Magnet Synchronous Motor Manufacturing Base, Sales Area and Its Competitors

Table 118. Electric Motor Solutions Permanent Magnet Synchronous Motor Product Portfolios and Specifications

Table 119. Electric Motor Solutions Permanent Magnet Synchronous Motor Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 120. Electric Motor Solutions Main Business

Table 121. Electric Motor Solutions Latest Developments

Table 122. ElectroCraft, Inc Basic Information, Permanent Magnet Synchronous Motor Manufacturing Base, Sales Area and Its Competitors

Table 123. ElectroCraft, Inc Permanent Magnet Synchronous Motor Product Portfolios and Specifications

Table 124. ElectroCraft, Inc Permanent Magnet Synchronous Motor Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 125. ElectroCraft, Inc Main Business

Table 126. ElectroCraft, Inc Latest Developments

Table 127. ARC Systems, Inc Basic Information, Permanent Magnet Synchronous Motor Manufacturing Base, Sales Area and Its Competitors

Table 128. ARC Systems, Inc Permanent Magnet Synchronous Motor Product Portfolios and Specifications

Table 129. ARC Systems, Inc Permanent Magnet Synchronous Motor Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 130. ARC Systems, Inc Main Business

Table 131. ARC Systems, Inc Latest Developments

Table 132. WEG Electric Corp Basic Information, Permanent Magnet Synchronous Motor Manufacturing Base, Sales Area and Its Competitors

Table 133. WEG Electric Corp Permanent Magnet Synchronous Motor Product

Portfolios and Specifications

Table 134. WEG Electric Corp Permanent Magnet Synchronous Motor Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 135. WEG Electric Corp Main Business

Table 136. WEG Electric Corp Latest Developments

Table 137. Rex Engineering Corp Basic Information, Permanent Magnet Synchronous Motor Manufacturing Base, Sales Area and Its Competitors

Table 138. Rex Engineering Corp Permanent Magnet Synchronous Motor Product Portfolios and Specifications

Table 139. Rex Engineering Corp Permanent Magnet Synchronous Motor Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 140. Rex Engineering Corp Main Business

Table 141. Rex Engineering Corp Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Permanent Magnet Synchronous Motor
- Figure 2. Permanent Magnet Synchronous Motor Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Permanent Magnet Synchronous Motor Sales Growth Rate 2019-2030 (K Units)
- Figure 7. Global Permanent Magnet Synchronous Motor Revenue Growth Rate 2019-2030 (\$ Millions)
- Figure 8. Permanent Magnet Synchronous Motor Sales by Region (2019, 2023 & 2030) & (\$ Millions)
- Figure 9. Product Picture of Above 60V
- Figure 10. Product Picture of 41V?60V
- Figure 11. Product Picture of 31V?40V
- Figure 12. Product Picture of 21V?30V
- Figure 13. Product Picture of 10V?20V
- Figure 14. Product Picture of 9V and Below
- Figure 15. Global Permanent Magnet Synchronous Motor Sales Market Share by Type in 2023
- Figure 16. Global Permanent Magnet Synchronous Motor Revenue Market Share by Type (2019-2024)
- Figure 17. Permanent Magnet Synchronous Motor Consumed in Automation
- Figure 18. Global Permanent Magnet Synchronous Motor Market: Automation (2019-2024) & (K Units)
- Figure 19. Permanent Magnet Synchronous Motor Consumed in Consumer Electronics
- Figure 20. Global Permanent Magnet Synchronous Motor Market: Consumer Electronics (2019-2024) & (K Units)
- Figure 21. Permanent Magnet Synchronous Motor Consumed in Residential & Commercial
- Figure 22. Global Permanent Magnet Synchronous Motor Market: Residential & Commercial (2019-2024) & (K Units)
- Figure 23. Permanent Magnet Synchronous Motor Consumed in Automotive & Transportation
- Figure 24. Global Permanent Magnet Synchronous Motor Market: Automotive & Transportation (2019-2024) & (K Units)

Figure 25. Permanent Magnet Synchronous Motor Consumed in Lab Equipment

Figure 26. Global Permanent Magnet Synchronous Motor Market: Lab Equipment (2019-2024) & (K Units)

Figure 27. Permanent Magnet Synchronous Motor Consumed in Medical

Figure 28. Global Permanent Magnet Synchronous Motor Market: Medical (2019-2024) & (K Units)

Figure 29. Permanent Magnet Synchronous Motor Consumed in Military/Aerospace

Figure 30. Global Permanent Magnet Synchronous Motor Market: Military/Aerospace (2019-2024) & (K Units)

Figure 31. Global Permanent Magnet Synchronous Motor Sales Market Share by Application (2023)

Figure 32. Global Permanent Magnet Synchronous Motor Revenue Market Share by Application in 2023

Figure 33. Permanent Magnet Synchronous Motor Sales Market by Company in 2023 (K Units)

Figure 34. Global Permanent Magnet Synchronous Motor Sales Market Share by Company in 2023

Figure 35. Permanent Magnet Synchronous Motor Revenue Market by Company in 2023 (\$ Million)

Figure 36. Global Permanent Magnet Synchronous Motor Revenue Market Share by Company in 2023

Figure 37. Global Permanent Magnet Synchronous Motor Sales Market Share by Geographic Region (2019-2024)

Figure 38. Global Permanent Magnet Synchronous Motor Revenue Market Share by Geographic Region in 2023

Figure 39. Americas Permanent Magnet Synchronous Motor Sales 2019-2024 (K Units)

Figure 40. Americas Permanent Magnet Synchronous Motor Revenue 2019-2024 (\$ Millions)

Figure 41. APAC Permanent Magnet Synchronous Motor Sales 2019-2024 (K Units)

Figure 42. APAC Permanent Magnet Synchronous Motor Revenue 2019-2024 (\$ Millions)

Figure 43. Europe Permanent Magnet Synchronous Motor Sales 2019-2024 (K Units)

Figure 44. Europe Permanent Magnet Synchronous Motor Revenue 2019-2024 (\$ Millions)

Figure 45. Middle East & Africa Permanent Magnet Synchronous Motor Sales 2019-2024 (K Units)

Figure 46. Middle East & Africa Permanent Magnet Synchronous Motor Revenue 2019-2024 (\$ Millions)

Figure 47. Americas Permanent Magnet Synchronous Motor Sales Market Share by

Country in 2023

Figure 48. Americas Permanent Magnet Synchronous Motor Revenue Market Share by Country in 2023

Figure 49. Americas Permanent Magnet Synchronous Motor Sales Market Share by Type (2019-2024)

Figure 50. Americas Permanent Magnet Synchronous Motor Sales Market Share by Application (2019-2024)

Figure 51. United States Permanent Magnet Synchronous Motor Revenue Growth 2019-2024 (\$ Millions)

Figure 52. Canada Permanent Magnet Synchronous Motor Revenue Growth 2019-2024 (\$ Millions)

Figure 53. Mexico Permanent Magnet Synchronous Motor Revenue Growth 2019-2024 (\$ Millions)

Figure 54. Brazil Permanent Magnet Synchronous Motor Revenue Growth 2019-2024 (\$ Millions)

Figure 55. APAC Permanent Magnet Synchronous Motor Sales Market Share by Region in 2023

Figure 56. APAC Permanent Magnet Synchronous Motor Revenue Market Share by Regions in 2023

Figure 57. APAC Permanent Magnet Synchronous Motor Sales Market Share by Type (2019-2024)

Figure 58. APAC Permanent Magnet Synchronous Motor Sales Market Share by Application (2019-2024)

Figure 59. China Permanent Magnet Synchronous Motor Revenue Growth 2019-2024 (\$ Millions)

Figure 60. Japan Permanent Magnet Synchronous Motor Revenue Growth 2019-2024 (\$ Millions)

Figure 61. South Korea Permanent Magnet Synchronous Motor Revenue Growth 2019-2024 (\$ Millions)

Figure 62. Southeast Asia Permanent Magnet Synchronous Motor Revenue Growth 2019-2024 (\$ Millions)

Figure 63. India Permanent Magnet Synchronous Motor Revenue Growth 2019-2024 (\$ Millions)

Figure 64. Australia Permanent Magnet Synchronous Motor Revenue Growth 2019-2024 (\$ Millions)

Figure 65. China Taiwan Permanent Magnet Synchronous Motor Revenue Growth 2019-2024 (\$ Millions)

Figure 66. Europe Permanent Magnet Synchronous Motor Sales Market Share by Country in 2023

Figure 67. Europe Permanent Magnet Synchronous Motor Revenue Market Share by Country in 2023

Figure 68. Europe Permanent Magnet Synchronous Motor Sales Market Share by Type (2019-2024)

Figure 69. Europe Permanent Magnet Synchronous Motor Sales Market Share by Application (2019-2024)

Figure 70. Germany Permanent Magnet Synchronous Motor Revenue Growth 2019-2024 (\$ Millions)

Figure 71. France Permanent Magnet Synchronous Motor Revenue Growth 2019-2024 (\$ Millions)

Figure 72. UK Permanent Magnet Synchronous Motor Revenue Growth 2019-2024 (\$ Millions)

Figure 73. Italy Permanent Magnet Synchronous Motor Revenue Growth 2019-2024 (\$ Millions)

Figure 74. Russia Permanent Magnet Synchronous Motor Revenue Growth 2019-2024 (\$ Millions)

Figure 75. Middle East & Africa Permanent Magnet Synchronous Motor Sales Market Share by Country in 2023

Figure 76. Middle East & Africa Permanent Magnet Synchronous Motor Revenue Market Share by Country in 2023

Figure 77. Middle East & Africa Permanent Magnet Synchronous Motor Sales Market Share by Type (2019-2024)

Figure 78. Middle East & Africa Permanent Magnet Synchronous Motor Sales Market Share by Application (2019-2024)

Figure 79. Egypt Permanent Magnet Synchronous Motor Revenue Growth 2019-2024 (\$ Millions)

Figure 80. South Africa Permanent Magnet Synchronous Motor Revenue Growth 2019-2024 (\$ Millions)

Figure 81. Israel Permanent Magnet Synchronous Motor Revenue Growth 2019-2024 (\$ Millions)

Figure 82. Turkey Permanent Magnet Synchronous Motor Revenue Growth 2019-2024 (\$ Millions)

Figure 83. GCC Country Permanent Magnet Synchronous Motor Revenue Growth 2019-2024 (\$ Millions)

Figure 84. Manufacturing Cost Structure Analysis of Permanent Magnet Synchronous Motor in 2023

Figure 85. Manufacturing Process Analysis of Permanent Magnet Synchronous Motor

Figure 86. Industry Chain Structure of Permanent Magnet Synchronous Motor

Figure 87. Channels of Distribution

Figure 88. Global Permanent Magnet Synchronous Motor Sales Market Forecast by Region (2025-2030)

Figure 89. Global Permanent Magnet Synchronous Motor Revenue Market Share Forecast by Region (2025-2030)

Figure 90. Global Permanent Magnet Synchronous Motor Sales Market Share Forecast by Type (2025-2030)

Figure 91. Global Permanent Magnet Synchronous Motor Revenue Market Share Forecast by Type (2025-2030)

Figure 92. Global Permanent Magnet Synchronous Motor Sales Market Share Forecast by Application (2025-2030)

Figure 93. Global Permanent Magnet Synchronous Motor Revenue Market Share Forecast by Application (2025-2030)

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