

# Global Permanent Magnet Synchronous Motor (PMSM) 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 (PMSM) market size was valued at US\$ 13160 million in 2023. With growing demand in downstream market, the Permanent Magnet Synchronous Motor (PMSM) is forecast to a readjusted size of US\$ 22530 million by 2030 with a CAGR of 8.0% during review period.

The research report highlights the growth potential of the global Permanent Magnet Synchronous Motor (PMSM) market. Permanent Magnet Synchronous Motor (PMSM) 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 (PMSM). 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 (PMSM) 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 (PMSM) 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 (PMSM) market. It may include historical data, market segmentation by Type (e.g., Below 5Kw, 5-10Kw), and regional breakdowns.

**Market Drivers and Challenges:** The report can identify and analyse the factors driving the growth of the Permanent Magnet Synchronous Motor (PMSM) 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 (PMSM) 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 (PMSM) industry. This include advancements in Permanent Magnet Synchronous Motor (PMSM) technology, Permanent Magnet Synchronous Motor (PMSM) new entrants, Permanent Magnet Synchronous Motor (PMSM) new investment, and other innovations that are shaping the future of Permanent Magnet Synchronous Motor (PMSM).

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

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

tax incentives, and other measures aimed at promoting Permanent Magnet Synchronous Motor (PMSM) 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 (PMSM) 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 (PMSM) 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 (PMSM) market.

**Market Segmentation:**

Permanent Magnet Synchronous Motor (PMSM) 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**

Below 5Kw

5-10Kw

10-50Kw

Above 50Kw

**Segmentation by application**

Automotive

Elevator

Industry & Automation

Others

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.

Mitsubishi Electric

HITACHI

ABB

SIEMENS AG

GE

Bosch

MEIDENSHA

JJE

CONTINENTAL

ALSTOM

BROAD-OCEAN

TOSHIBA

XIZI FORVORDA

### Key Questions Addressed in this Report

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

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

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

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

How does Permanent Magnet Synchronous Motor (PMSM) 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 (PMSM) Annual Sales 2019-2030
- 2.1.2 World Current & Future Analysis for Permanent Magnet Synchronous Motor (PMSM) by Geographic Region, 2019, 2023 & 2030
- 2.1.3 World Current & Future Analysis for Permanent Magnet Synchronous Motor (PMSM) by Country/Region, 2019, 2023 & 2030

#### 2.2 Permanent Magnet Synchronous Motor (PMSM) Segment by Type

- 2.2.1 Below 5Kw
- 2.2.2 5-10Kw
- 2.2.3 10-50Kw
- 2.2.4 Above 50Kw

#### 2.3 Permanent Magnet Synchronous Motor (PMSM) Sales by Type

- 2.3.1 Global Permanent Magnet Synchronous Motor (PMSM) Sales Market Share by Type (2019-2024)
- 2.3.2 Global Permanent Magnet Synchronous Motor (PMSM) Revenue and Market Share by Type (2019-2024)
- 2.3.3 Global Permanent Magnet Synchronous Motor (PMSM) Sale Price by Type (2019-2024)

#### 2.4 Permanent Magnet Synchronous Motor (PMSM) Segment by Application

- 2.4.1 Automotive
- 2.4.2 Elevator
- 2.4.3 Industry & Automation
- 2.4.4 Others

#### 2.5 Permanent Magnet Synchronous Motor (PMSM) Sales by Application

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

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

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

### **3 GLOBAL PERMANENT MAGNET SYNCHRONOUS MOTOR (PMSM) BY COMPANY**

3.1 Global Permanent Magnet Synchronous Motor (PMSM) Breakdown Data by Company

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

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

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

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

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

3.3 Global Permanent Magnet Synchronous Motor (PMSM) Sale Price by Company

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

3.4.1 Key Manufacturers Permanent Magnet Synchronous Motor (PMSM) Product Location Distribution

3.4.2 Players Permanent Magnet Synchronous Motor (PMSM) 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 (PMSM) BY GEOGRAPHIC REGION**

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



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

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

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

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

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

4.3 Americas Permanent Magnet Synchronous Motor (PMSM) Sales Growth

4.4 APAC Permanent Magnet Synchronous Motor (PMSM) Sales Growth

4.5 Europe Permanent Magnet Synchronous Motor (PMSM) Sales Growth

4.6 Middle East & Africa Permanent Magnet Synchronous Motor (PMSM) Sales Growth

## **5 AMERICAS**

5.1 Americas Permanent Magnet Synchronous Motor (PMSM) Sales by Country

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

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

5.2 Americas Permanent Magnet Synchronous Motor (PMSM) Sales by Type

5.3 Americas Permanent Magnet Synchronous Motor (PMSM) 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 (PMSM) Sales by Region

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

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

6.2 APAC Permanent Magnet Synchronous Motor (PMSM) Sales by Type

6.3 APAC Permanent Magnet Synchronous Motor (PMSM) 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 (PMSM) by Country
  - 7.1.1 Europe Permanent Magnet Synchronous Motor (PMSM) Sales by Country (2019-2024)
  - 7.1.2 Europe Permanent Magnet Synchronous Motor (PMSM) Revenue by Country (2019-2024)
- 7.2 Europe Permanent Magnet Synchronous Motor (PMSM) Sales by Type
- 7.3 Europe Permanent Magnet Synchronous Motor (PMSM) 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 (PMSM) by Country
  - 8.1.1 Middle East & Africa Permanent Magnet Synchronous Motor (PMSM) Sales by Country (2019-2024)
  - 8.1.2 Middle East & Africa Permanent Magnet Synchronous Motor (PMSM) Revenue by Country (2019-2024)
- 8.2 Middle East & Africa Permanent Magnet Synchronous Motor (PMSM) Sales by Type
- 8.3 Middle East & Africa Permanent Magnet Synchronous Motor (PMSM) 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 (PMSM)
- 10.3 Manufacturing Process Analysis of Permanent Magnet Synchronous Motor (PMSM)
- 10.4 Industry Chain Structure of Permanent Magnet Synchronous Motor (PMSM)

## **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 (PMSM) Distributors
- 11.3 Permanent Magnet Synchronous Motor (PMSM) Customer

## **12 WORLD FORECAST REVIEW FOR PERMANENT MAGNET SYNCHRONOUS MOTOR (PMSM) BY GEOGRAPHIC REGION**

- 12.1 Global Permanent Magnet Synchronous Motor (PMSM) Market Size Forecast by Region
  - 12.1.1 Global Permanent Magnet Synchronous Motor (PMSM) Forecast by Region (2025-2030)
  - 12.1.2 Global Permanent Magnet Synchronous Motor (PMSM) 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 (PMSM) Forecast by Type
- 12.7 Global Permanent Magnet Synchronous Motor (PMSM) Forecast by Application

## **13 KEY PLAYERS ANALYSIS**

## 13.1 Mitsubishi Electric

13.1.1 Mitsubishi Electric Company Information

13.1.2 Mitsubishi Electric Permanent Magnet Synchronous Motor (PMSM) Product Portfolios and Specifications

13.1.3 Mitsubishi Electric Permanent Magnet Synchronous Motor (PMSM) Sales, Revenue, Price and Gross Margin (2019-2024)

13.1.4 Mitsubishi Electric Main Business Overview

13.1.5 Mitsubishi Electric Latest Developments

## 13.2 HITACHI

13.2.1 HITACHI Company Information

13.2.2 HITACHI Permanent Magnet Synchronous Motor (PMSM) Product Portfolios and Specifications

13.2.3 HITACHI Permanent Magnet Synchronous Motor (PMSM) Sales, Revenue, Price and Gross Margin (2019-2024)

13.2.4 HITACHI Main Business Overview

13.2.5 HITACHI Latest Developments

## 13.3 ABB

13.3.1 ABB Company Information

13.3.2 ABB Permanent Magnet Synchronous Motor (PMSM) Product Portfolios and Specifications

13.3.3 ABB Permanent Magnet Synchronous Motor (PMSM) Sales, Revenue, Price and Gross Margin (2019-2024)

13.3.4 ABB Main Business Overview

13.3.5 ABB Latest Developments

## 13.4 SIEMENS AG

13.4.1 SIEMENS AG Company Information

13.4.2 SIEMENS AG Permanent Magnet Synchronous Motor (PMSM) Product Portfolios and Specifications

13.4.3 SIEMENS AG Permanent Magnet Synchronous Motor (PMSM) 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 GE

13.5.1 GE Company Information

13.5.2 GE Permanent Magnet Synchronous Motor (PMSM) Product Portfolios and Specifications

13.5.3 GE Permanent Magnet Synchronous Motor (PMSM) Sales, Revenue, Price and Gross Margin (2019-2024)

- 13.5.4 GE Main Business Overview
- 13.5.5 GE Latest Developments
- 13.6 Bosch
  - 13.6.1 Bosch Company Information
  - 13.6.2 Bosch Permanent Magnet Synchronous Motor (PMSM) Product Portfolios and Specifications
  - 13.6.3 Bosch Permanent Magnet Synchronous Motor (PMSM) Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.6.4 Bosch Main Business Overview
  - 13.6.5 Bosch Latest Developments
- 13.7 MEIDENSHA
  - 13.7.1 MEIDENSHA Company Information
  - 13.7.2 MEIDENSHA Permanent Magnet Synchronous Motor (PMSM) Product Portfolios and Specifications
  - 13.7.3 MEIDENSHA Permanent Magnet Synchronous Motor (PMSM) Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.7.4 MEIDENSHA Main Business Overview
  - 13.7.5 MEIDENSHA Latest Developments
- 13.8 JJE
  - 13.8.1 JJE Company Information
  - 13.8.2 JJE Permanent Magnet Synchronous Motor (PMSM) Product Portfolios and Specifications
  - 13.8.3 JJE Permanent Magnet Synchronous Motor (PMSM) Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.8.4 JJE Main Business Overview
  - 13.8.5 JJE Latest Developments
- 13.9 CONTINENTAL
  - 13.9.1 CONTINENTAL Company Information
  - 13.9.2 CONTINENTAL Permanent Magnet Synchronous Motor (PMSM) Product Portfolios and Specifications
  - 13.9.3 CONTINENTAL Permanent Magnet Synchronous Motor (PMSM) Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.9.4 CONTINENTAL Main Business Overview
  - 13.9.5 CONTINENTAL Latest Developments
- 13.10 ALSTOM
  - 13.10.1 ALSTOM Company Information
  - 13.10.2 ALSTOM Permanent Magnet Synchronous Motor (PMSM) Product Portfolios and Specifications
  - 13.10.3 ALSTOM Permanent Magnet Synchronous Motor (PMSM) Sales, Revenue,

## Price and Gross Margin (2019-2024)

13.10.4 ALSTOM Main Business Overview

13.10.5 ALSTOM Latest Developments

## 13.11 BROAD-OCEAN

13.11.1 BROAD-OCEAN Company Information

13.11.2 BROAD-OCEAN Permanent Magnet Synchronous Motor (PMSM) Product Portfolios and Specifications

13.11.3 BROAD-OCEAN Permanent Magnet Synchronous Motor (PMSM) Sales, Revenue, Price and Gross Margin (2019-2024)

13.11.4 BROAD-OCEAN Main Business Overview

13.11.5 BROAD-OCEAN Latest Developments

## 13.12 TOSHIBA

13.12.1 TOSHIBA Company Information

13.12.2 TOSHIBA Permanent Magnet Synchronous Motor (PMSM) Product Portfolios and Specifications

13.12.3 TOSHIBA Permanent Magnet Synchronous Motor (PMSM) Sales, Revenue, Price and Gross Margin (2019-2024)

13.12.4 TOSHIBA Main Business Overview

13.12.5 TOSHIBA Latest Developments

## 13.13 XIZI FORVORDA

13.13.1 XIZI FORVORDA Company Information

13.13.2 XIZI FORVORDA Permanent Magnet Synchronous Motor (PMSM) Product Portfolios and Specifications

13.13.3 XIZI FORVORDA Permanent Magnet Synchronous Motor (PMSM) Sales, Revenue, Price and Gross Margin (2019-2024)

13.13.4 XIZI FORVORDA Main Business Overview

13.13.5 XIZI FORVORDA Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table 1. Permanent Magnet Synchronous Motor (PMSM) Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Table 2. Permanent Magnet Synchronous Motor (PMSM) Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of Below 5Kw

Table 4. Major Players of 5-10Kw

Table 5. Major Players of 10-50Kw

Table 6. Major Players of Above 50Kw

Table 7. Global Permanent Magnet Synchronous Motor (PMSM) Sales by Type (2019-2024) & (K Units)

Table 8. Global Permanent Magnet Synchronous Motor (PMSM) Sales Market Share by Type (2019-2024)

Table 9. Global Permanent Magnet Synchronous Motor (PMSM) Revenue by Type (2019-2024) & (\$ million)

Table 10. Global Permanent Magnet Synchronous Motor (PMSM) Revenue Market Share by Type (2019-2024)

Table 11. Global Permanent Magnet Synchronous Motor (PMSM) Sale Price by Type (2019-2024) & (USD/Unit)

Table 12. Global Permanent Magnet Synchronous Motor (PMSM) Sales by Application (2019-2024) & (K Units)

Table 13. Global Permanent Magnet Synchronous Motor (PMSM) Sales Market Share by Application (2019-2024)

Table 14. Global Permanent Magnet Synchronous Motor (PMSM) Revenue by Application (2019-2024)

Table 15. Global Permanent Magnet Synchronous Motor (PMSM) Revenue Market Share by Application (2019-2024)

Table 16. Global Permanent Magnet Synchronous Motor (PMSM) Sale Price by Application (2019-2024) & (USD/Unit)

Table 17. Global Permanent Magnet Synchronous Motor (PMSM) Sales by Company (2019-2024) & (K Units)

Table 18. Global Permanent Magnet Synchronous Motor (PMSM) Sales Market Share by Company (2019-2024)

Table 19. Global Permanent Magnet Synchronous Motor (PMSM) Revenue by Company (2019-2024) (\$ Millions)

Table 20. Global Permanent Magnet Synchronous Motor (PMSM) Revenue Market

Share by Company (2019-2024)

Table 21. Global Permanent Magnet Synchronous Motor (PMSM) Sale Price by Company (2019-2024) & (USD/Unit)

Table 22. Key Manufacturers Permanent Magnet Synchronous Motor (PMSM) Producing Area Distribution and Sales Area

Table 23. Players Permanent Magnet Synchronous Motor (PMSM) Products Offered

Table 24. Permanent Magnet Synchronous Motor (PMSM) Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 25. New Products and Potential Entrants

Table 26. Mergers & Acquisitions, Expansion

Table 27. Global Permanent Magnet Synchronous Motor (PMSM) Sales by Geographic Region (2019-2024) & (K Units)

Table 28. Global Permanent Magnet Synchronous Motor (PMSM) Sales Market Share Geographic Region (2019-2024)

Table 29. Global Permanent Magnet Synchronous Motor (PMSM) Revenue by Geographic Region (2019-2024) & (\$ millions)

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

Table 31. Global Permanent Magnet Synchronous Motor (PMSM) Sales by Country/Region (2019-2024) & (K Units)

Table 32. Global Permanent Magnet Synchronous Motor (PMSM) Sales Market Share by Country/Region (2019-2024)

Table 33. Global Permanent Magnet Synchronous Motor (PMSM) Revenue by Country/Region (2019-2024) & (\$ millions)

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

Table 35. Americas Permanent Magnet Synchronous Motor (PMSM) Sales by Country (2019-2024) & (K Units)

Table 36. Americas Permanent Magnet Synchronous Motor (PMSM) Sales Market Share by Country (2019-2024)

Table 37. Americas Permanent Magnet Synchronous Motor (PMSM) Revenue by Country (2019-2024) & (\$ Millions)

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

Table 39. Americas Permanent Magnet Synchronous Motor (PMSM) Sales by Type (2019-2024) & (K Units)

Table 40. Americas Permanent Magnet Synchronous Motor (PMSM) Sales by Application (2019-2024) & (K Units)

Table 41. APAC Permanent Magnet Synchronous Motor (PMSM) Sales by Region



(2019-2024) & (K Units)

Table 42. APAC Permanent Magnet Synchronous Motor (PMSM) Sales Market Share by Region (2019-2024)

Table 43. APAC Permanent Magnet Synchronous Motor (PMSM) Revenue by Region (2019-2024) & (\$ Millions)

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

Table 45. APAC Permanent Magnet Synchronous Motor (PMSM) Sales by Type (2019-2024) & (K Units)

Table 46. APAC Permanent Magnet Synchronous Motor (PMSM) Sales by Application (2019-2024) & (K Units)

Table 47. Europe Permanent Magnet Synchronous Motor (PMSM) Sales by Country (2019-2024) & (K Units)

Table 48. Europe Permanent Magnet Synchronous Motor (PMSM) Sales Market Share by Country (2019-2024)

Table 49. Europe Permanent Magnet Synchronous Motor (PMSM) Revenue by Country (2019-2024) & (\$ Millions)

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

Table 51. Europe Permanent Magnet Synchronous Motor (PMSM) Sales by Type (2019-2024) & (K Units)

Table 52. Europe Permanent Magnet Synchronous Motor (PMSM) Sales by Application (2019-2024) & (K Units)

Table 53. Middle East & Africa Permanent Magnet Synchronous Motor (PMSM) Sales by Country (2019-2024) & (K Units)

Table 54. Middle East & Africa Permanent Magnet Synchronous Motor (PMSM) Sales Market Share by Country (2019-2024)

Table 55. Middle East & Africa Permanent Magnet Synchronous Motor (PMSM) Revenue by Country (2019-2024) & (\$ Millions)

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

Table 57. Middle East & Africa Permanent Magnet Synchronous Motor (PMSM) Sales by Type (2019-2024) & (K Units)

Table 58. Middle East & Africa Permanent Magnet Synchronous Motor (PMSM) Sales by Application (2019-2024) & (K Units)

Table 59. Key Market Drivers & Growth Opportunities of Permanent Magnet Synchronous Motor (PMSM)

Table 60. Key Market Challenges & Risks of Permanent Magnet Synchronous Motor (PMSM)

- Table 61. Key Industry Trends of Permanent Magnet Synchronous Motor (PMSM)
- Table 62. Permanent Magnet Synchronous Motor (PMSM) Raw Material
- Table 63. Key Suppliers of Raw Materials
- Table 64. Permanent Magnet Synchronous Motor (PMSM) Distributors List
- Table 65. Permanent Magnet Synchronous Motor (PMSM) Customer List
- Table 66. Global Permanent Magnet Synchronous Motor (PMSM) Sales Forecast by Region (2025-2030) & (K Units)
- Table 67. Global Permanent Magnet Synchronous Motor (PMSM) Revenue Forecast by Region (2025-2030) & (\$ millions)
- Table 68. Americas Permanent Magnet Synchronous Motor (PMSM) Sales Forecast by Country (2025-2030) & (K Units)
- Table 69. Americas Permanent Magnet Synchronous Motor (PMSM) Revenue Forecast by Country (2025-2030) & (\$ millions)
- Table 70. APAC Permanent Magnet Synchronous Motor (PMSM) Sales Forecast by Region (2025-2030) & (K Units)
- Table 71. APAC Permanent Magnet Synchronous Motor (PMSM) Revenue Forecast by Region (2025-2030) & (\$ millions)
- Table 72. Europe Permanent Magnet Synchronous Motor (PMSM) Sales Forecast by Country (2025-2030) & (K Units)
- Table 73. Europe Permanent Magnet Synchronous Motor (PMSM) Revenue Forecast by Country (2025-2030) & (\$ millions)
- Table 74. Middle East & Africa Permanent Magnet Synchronous Motor (PMSM) Sales Forecast by Country (2025-2030) & (K Units)
- Table 75. Middle East & Africa Permanent Magnet Synchronous Motor (PMSM) Revenue Forecast by Country (2025-2030) & (\$ millions)
- Table 76. Global Permanent Magnet Synchronous Motor (PMSM) Sales Forecast by Type (2025-2030) & (K Units)
- Table 77. Global Permanent Magnet Synchronous Motor (PMSM) Revenue Forecast by Type (2025-2030) & (\$ Millions)
- Table 78. Global Permanent Magnet Synchronous Motor (PMSM) Sales Forecast by Application (2025-2030) & (K Units)
- Table 79. Global Permanent Magnet Synchronous Motor (PMSM) Revenue Forecast by Application (2025-2030) & (\$ Millions)
- Table 80. Mitsubishi Electric Basic Information, Permanent Magnet Synchronous Motor (PMSM) Manufacturing Base, Sales Area and Its Competitors
- Table 81. Mitsubishi Electric Permanent Magnet Synchronous Motor (PMSM) Product Portfolios and Specifications
- Table 82. Mitsubishi Electric Permanent Magnet Synchronous Motor (PMSM) Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

- Table 83. Mitsubishi Electric Main Business
- Table 84. Mitsubishi Electric Latest Developments
- Table 85. HITACHI Basic Information, Permanent Magnet Synchronous Motor (PMSM) Manufacturing Base, Sales Area and Its Competitors
- Table 86. HITACHI Permanent Magnet Synchronous Motor (PMSM) Product Portfolios and Specifications
- Table 87. HITACHI Permanent Magnet Synchronous Motor (PMSM) Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 88. HITACHI Main Business
- Table 89. HITACHI Latest Developments
- Table 90. ABB Basic Information, Permanent Magnet Synchronous Motor (PMSM) Manufacturing Base, Sales Area and Its Competitors
- Table 91. ABB Permanent Magnet Synchronous Motor (PMSM) Product Portfolios and Specifications
- Table 92. ABB Permanent Magnet Synchronous Motor (PMSM) Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 93. ABB Main Business
- Table 94. ABB Latest Developments
- Table 95. SIEMENS AG Basic Information, Permanent Magnet Synchronous Motor (PMSM) Manufacturing Base, Sales Area and Its Competitors
- Table 96. SIEMENS AG Permanent Magnet Synchronous Motor (PMSM) Product Portfolios and Specifications
- Table 97. SIEMENS AG Permanent Magnet Synchronous Motor (PMSM) Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 98. SIEMENS AG Main Business
- Table 99. SIEMENS AG Latest Developments
- Table 100. GE Basic Information, Permanent Magnet Synchronous Motor (PMSM) Manufacturing Base, Sales Area and Its Competitors
- Table 101. GE Permanent Magnet Synchronous Motor (PMSM) Product Portfolios and Specifications
- Table 102. GE Permanent Magnet Synchronous Motor (PMSM) Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 103. GE Main Business
- Table 104. GE Latest Developments
- Table 105. Bosch Basic Information, Permanent Magnet Synchronous Motor (PMSM) Manufacturing Base, Sales Area and Its Competitors
- Table 106. Bosch Permanent Magnet Synchronous Motor (PMSM) Product Portfolios and Specifications
- Table 107. Bosch Permanent Magnet Synchronous Motor (PMSM) Sales (K Units),

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

Table 108. Bosch Main Business

Table 109. Bosch Latest Developments

Table 110. MEIDENSHA Basic Information, Permanent Magnet Synchronous Motor (PMSM) Manufacturing Base, Sales Area and Its Competitors

Table 111. MEIDENSHA Permanent Magnet Synchronous Motor (PMSM) Product Portfolios and Specifications

Table 112. MEIDENSHA Permanent Magnet Synchronous Motor (PMSM) Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 113. MEIDENSHA Main Business

Table 114. MEIDENSHA Latest Developments

Table 115. JJE Basic Information, Permanent Magnet Synchronous Motor (PMSM) Manufacturing Base, Sales Area and Its Competitors

Table 116. JJE Permanent Magnet Synchronous Motor (PMSM) Product Portfolios and Specifications

Table 117. JJE Permanent Magnet Synchronous Motor (PMSM) Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 118. JJE Main Business

Table 119. JJE Latest Developments

Table 120. CONTINENTAL Basic Information, Permanent Magnet Synchronous Motor (PMSM) Manufacturing Base, Sales Area and Its Competitors

Table 121. CONTINENTAL Permanent Magnet Synchronous Motor (PMSM) Product Portfolios and Specifications

Table 122. CONTINENTAL Permanent Magnet Synchronous Motor (PMSM) Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 123. CONTINENTAL Main Business

Table 124. CONTINENTAL Latest Developments

Table 125. ALSTOM Basic Information, Permanent Magnet Synchronous Motor (PMSM) Manufacturing Base, Sales Area and Its Competitors

Table 126. ALSTOM Permanent Magnet Synchronous Motor (PMSM) Product Portfolios and Specifications

Table 127. ALSTOM Permanent Magnet Synchronous Motor (PMSM) Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 128. ALSTOM Main Business

Table 129. ALSTOM Latest Developments

Table 130. BROAD-OCEAN Basic Information, Permanent Magnet Synchronous Motor (PMSM) Manufacturing Base, Sales Area and Its Competitors

Table 131. BROAD-OCEAN Permanent Magnet Synchronous Motor (PMSM) Product Portfolios and Specifications

Table 132. BROAD-OCEAN Permanent Magnet Synchronous Motor (PMSM) Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 133. BROAD-OCEAN Main Business

Table 134. BROAD-OCEAN Latest Developments

Table 135. TOSHIBA Basic Information, Permanent Magnet Synchronous Motor (PMSM) Manufacturing Base, Sales Area and Its Competitors

Table 136. TOSHIBA Permanent Magnet Synchronous Motor (PMSM) Product Portfolios and Specifications

Table 137. TOSHIBA Permanent Magnet Synchronous Motor (PMSM) Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 138. TOSHIBA Main Business

Table 139. TOSHIBA Latest Developments

Table 140. XIZI FORVORDA Basic Information, Permanent Magnet Synchronous Motor (PMSM) Manufacturing Base, Sales Area and Its Competitors

Table 141. XIZI FORVORDA Permanent Magnet Synchronous Motor (PMSM) Product Portfolios and Specifications

Table 142. XIZI FORVORDA Permanent Magnet Synchronous Motor (PMSM) Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 143. XIZI FORVORDA Main Business

Table 144. XIZI FORVORDA Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Permanent Magnet Synchronous Motor (PMSM)
- Figure 2. Permanent Magnet Synchronous Motor (PMSM) 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 (PMSM) Sales Growth Rate 2019-2030 (K Units)
- Figure 7. Global Permanent Magnet Synchronous Motor (PMSM) Revenue Growth Rate 2019-2030 (\$ Millions)
- Figure 8. Permanent Magnet Synchronous Motor (PMSM) Sales by Region (2019, 2023 & 2030) & (\$ Millions)
- Figure 9. Product Picture of Below 5Kw
- Figure 10. Product Picture of 5-10Kw
- Figure 11. Product Picture of 10-50Kw
- Figure 12. Product Picture of Above 50Kw
- Figure 13. Global Permanent Magnet Synchronous Motor (PMSM) Sales Market Share by Type in 2023
- Figure 14. Global Permanent Magnet Synchronous Motor (PMSM) Revenue Market Share by Type (2019-2024)
- Figure 15. Permanent Magnet Synchronous Motor (PMSM) Consumed in Automotive
- Figure 16. Global Permanent Magnet Synchronous Motor (PMSM) Market: Automotive (2019-2024) & (K Units)
- Figure 17. Permanent Magnet Synchronous Motor (PMSM) Consumed in Elevator
- Figure 18. Global Permanent Magnet Synchronous Motor (PMSM) Market: Elevator (2019-2024) & (K Units)
- Figure 19. Permanent Magnet Synchronous Motor (PMSM) Consumed in Industry & Automation
- Figure 20. Global Permanent Magnet Synchronous Motor (PMSM) Market: Industry & Automation (2019-2024) & (K Units)
- Figure 21. Permanent Magnet Synchronous Motor (PMSM) Consumed in Others
- Figure 22. Global Permanent Magnet Synchronous Motor (PMSM) Market: Others (2019-2024) & (K Units)
- Figure 23. Global Permanent Magnet Synchronous Motor (PMSM) Sales Market Share by Application (2023)
- Figure 24. Global Permanent Magnet Synchronous Motor (PMSM) Revenue Market

Share by Application in 2023

Figure 25. Permanent Magnet Synchronous Motor (PMSM) Sales Market by Company in 2023 (K Units)

Figure 26. Global Permanent Magnet Synchronous Motor (PMSM) Sales Market Share by Company in 2023

Figure 27. Permanent Magnet Synchronous Motor (PMSM) Revenue Market by Company in 2023 (\$ Million)

Figure 28. Global Permanent Magnet Synchronous Motor (PMSM) Revenue Market Share by Company in 2023

Figure 29. Global Permanent Magnet Synchronous Motor (PMSM) Sales Market Share by Geographic Region (2019-2024)

Figure 30. Global Permanent Magnet Synchronous Motor (PMSM) Revenue Market Share by Geographic Region in 2023

Figure 31. Americas Permanent Magnet Synchronous Motor (PMSM) Sales 2019-2024 (K Units)

Figure 32. Americas Permanent Magnet Synchronous Motor (PMSM) Revenue 2019-2024 (\$ Millions)

Figure 33. APAC Permanent Magnet Synchronous Motor (PMSM) Sales 2019-2024 (K Units)

Figure 34. APAC Permanent Magnet Synchronous Motor (PMSM) Revenue 2019-2024 (\$ Millions)

Figure 35. Europe Permanent Magnet Synchronous Motor (PMSM) Sales 2019-2024 (K Units)

Figure 36. Europe Permanent Magnet Synchronous Motor (PMSM) Revenue 2019-2024 (\$ Millions)

Figure 37. Middle East & Africa Permanent Magnet Synchronous Motor (PMSM) Sales 2019-2024 (K Units)

Figure 38. Middle East & Africa Permanent Magnet Synchronous Motor (PMSM) Revenue 2019-2024 (\$ Millions)

Figure 39. Americas Permanent Magnet Synchronous Motor (PMSM) Sales Market Share by Country in 2023

Figure 40. Americas Permanent Magnet Synchronous Motor (PMSM) Revenue Market Share by Country in 2023

Figure 41. Americas Permanent Magnet Synchronous Motor (PMSM) Sales Market Share by Type (2019-2024)

Figure 42. Americas Permanent Magnet Synchronous Motor (PMSM) Sales Market Share by Application (2019-2024)

Figure 43. United States Permanent Magnet Synchronous Motor (PMSM) Revenue Growth 2019-2024 (\$ Millions)

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

Figure 45. Mexico Permanent Magnet Synchronous Motor (PMSM) Revenue Growth 2019-2024 (\$ Millions)

Figure 46. Brazil Permanent Magnet Synchronous Motor (PMSM) Revenue Growth 2019-2024 (\$ Millions)

Figure 47. APAC Permanent Magnet Synchronous Motor (PMSM) Sales Market Share by Region in 2023

Figure 48. APAC Permanent Magnet Synchronous Motor (PMSM) Revenue Market Share by Regions in 2023

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

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

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

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

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

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

Figure 55. India Permanent Magnet Synchronous Motor (PMSM) Revenue Growth 2019-2024 (\$ Millions)

Figure 56. Australia Permanent Magnet Synchronous Motor (PMSM) Revenue Growth 2019-2024 (\$ Millions)

Figure 57. China Taiwan Permanent Magnet Synchronous Motor (PMSM) Revenue Growth 2019-2024 (\$ Millions)

Figure 58. Europe Permanent Magnet Synchronous Motor (PMSM) Sales Market Share by Country in 2023

Figure 59. Europe Permanent Magnet Synchronous Motor (PMSM) Revenue Market Share by Country in 2023

Figure 60. Europe Permanent Magnet Synchronous Motor (PMSM) Sales Market Share by Type (2019-2024)

Figure 61. Europe Permanent Magnet Synchronous Motor (PMSM) Sales Market Share by Application (2019-2024)

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

Figure 63. France Permanent Magnet Synchronous Motor (PMSM) Revenue Growth



2019-2024 (\$ Millions)

Figure 64. UK Permanent Magnet Synchronous Motor (PMSM) Revenue Growth

2019-2024 (\$ Millions)

Figure 65. Italy Permanent Magnet Synchronous Motor (PMSM) Revenue Growth

2019-2024 (\$ Millions)

Figure 66. Russia Permanent Magnet Synchronous Motor (PMSM) Revenue Growth

2019-2024 (\$ Millions)

Figure 67. Middle East & Africa Permanent Magnet Synchronous Motor (PMSM) Sales Market Share by Country in 2023

Figure 68. Middle East & Africa Permanent Magnet Synchronous Motor (PMSM) Revenue Market Share by Country in 2023

Figure 69. Middle East & Africa Permanent Magnet Synchronous Motor (PMSM) Sales Market Share by Type (2019-2024)

Figure 70. Middle East & Africa Permanent Magnet Synchronous Motor (PMSM) Sales Market Share by Application (2019-2024)

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

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

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

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

Figure 75. GCC Country Permanent Magnet Synchronous Motor (PMSM) Revenue Growth 2019-2024 (\$ Millions)

Figure 76. Manufacturing Cost Structure Analysis of Permanent Magnet Synchronous Motor (PMSM) in 2023

Figure 77. Manufacturing Process Analysis of Permanent Magnet Synchronous Motor (PMSM)

Figure 78. Industry Chain Structure of Permanent Magnet Synchronous Motor (PMSM)

Figure 79. Channels of Distribution

Figure 80. Global Permanent Magnet Synchronous Motor (PMSM) Sales Market Forecast by Region (2025-2030)

Figure 81. Global Permanent Magnet Synchronous Motor (PMSM) Revenue Market Share Forecast by Region (2025-2030)

Figure 82. Global Permanent Magnet Synchronous Motor (PMSM) Sales Market Share Forecast by Type (2025-2030)

Figure 83. Global Permanent Magnet Synchronous Motor (PMSM) Revenue Market Share Forecast by Type (2025-2030)

Figure 84. Global Permanent Magnet Synchronous Motor (PMSM) Sales Market Share Forecast by Application (2025-2030)

Figure 85. Global Permanent Magnet Synchronous Motor (PMSM) Revenue Market Share Forecast by Application (2025-2030)

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