

# 2018-2023 Global Permanent Magnet Synchronous Motor (PMSM) Consumption Market Report

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## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global Permanent Magnet Synchronous Motor (PMSM) market for 2018-2023.

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.

With the development of technology, the global average price of Permanent Magnet Synchronous Motor is in the decreasing trend, from 15.37 USD/KW in 2011 to 14.27 USD/KW in 2015. With the situation of global economy, prices will be in decreasing trend in the following five years.

Permanent Magnet Synchronous Motor is widely used in Industry & Automation, Automotive, Elevator and Other industry. The most proportion of Permanent Magnet Synchronous Motor is Industry & Automation, with 71.45% market share in 2015. Automotive is the most potential one with growth rate above 10%.

China is the largest consumption place of Permanent Magnet Synchronous Motor, with a consumption market share nearly 31.26% in 2015. RoA is the second largest consumption of Permanent Magnet Synchronous Motor, enjoying consumption market share nearly 19.76% in 2015.

Over the next five years, LPI(LP Information) projects that Permanent Magnet Synchronous Motor (PMSM) will register a 9.1% CAGR in terms of revenue, reach US\$ 21700 million by 2023, from US\$ 12900 million in 2017.

This report presents a comprehensive overview, market shares, and growth opportunities of Permanent Magnet Synchronous Motor (PMSM) market by product type, application, key manufacturers and key regions.

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Segmentation by product type:

0-20KW

20-200KW

Above 200KW

Segmentation by application:

Automotive

Elevator

Industry & Automation

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

Spain

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:

MITSUBISHI

HITACHI

ABB

SIEMENS AG

GE

EMERSON

Bosch

MEIDENSHA

JJE

CONTINENTAL

ALSTOM

TOSHIBA

ZYEC

BROAD-OCEAN

XIZI FORVORDA

WEG S.A

HMC

JEUMONT

## MT DIANJI

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

### Research objectives

To study and analyze the global Permanent Magnet Synchronous Motor (PMSM) consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of Permanent Magnet Synchronous Motor (PMSM) market by identifying its various subsegments.

Focuses on the key global Permanent Magnet Synchronous Motor (PMSM) manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the Permanent Magnet Synchronous Motor (PMSM) with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of Permanent Magnet Synchronous Motor (PMSM) submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their

growth strategies.

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