

# Global Permanent Magnet Synchronous Motor (PMSM) Market Data Survey Report 2025

<https://marketpublishers.com/r/G80D7027D9DEN.html>

Date: August 2017

Pages: 100

Price: US\$ 1,500.00 (Single User License)

ID: G80D7027D9DEN

## Abstracts

### Summary

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 global Permanent Magnet Synchronous Motor (PMSM) market will reach Volume Million USD in 2017 with CAGR xx% 2018-2025. The main contents of the report including:

Global market size and forecast Regional market size, production data and export & import

Key manufacturers (manufacturing sites, capacity and production, product specifications etc.)

Average market price by SUK

Major applications

Key manufacturers are included based on manufacturing sites, capacity and production, product specifications etc.:

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

Major applications  
as follows:

Automotive

Elevator

Industry & Automation

Regional market size, production data and export & import:

Asia-Pacific

North America

Europe

South America

Middle East & Africa

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