

# 2015-2023 World Permanent Magnet Synchronous Motor (PMSM) Market Research Report by Product Type, End-User / Application and Regions / Countries

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## 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.

This report includes market status and forecast of global and major regions, with introduction of vendors, regions, product types and end industries; and this report counts product types and end industries in global and major regions.

Market Segment as follows:

### By Region / Countries

North America (U.S., Canada, Mexico)

Europe (Germany, U.K., France, Italy, Russia, Spain etc)

South America (Brazil, Argentina etc)

Middle East & Africa (Saudi Arabia, South Africa etc)

By Type

0-20KW

20-200KW

Above 200KW

By End-User / Application

Automotive

Elevator

Industry & Automation

By Company

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

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