

Global Automotive Permanent Magnet Synchronous Motors Market Growth 2026-2032

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Abstracts

The global Automotive Permanent Magnet Synchronous Motors market size is predicted to grow from US\$ million in 2025 to US\$ million in 2032; it is expected to grow at a CAGR of % from 2026 to 2032.

Automotive Permanent Magnet Synchronous Motors (PMSMs) are electric motors commonly used in electric and hybrid vehicles as the main propulsion system. PMSMs are used primarily in electric and hybrid vehicles to provide the necessary mechanical power for propulsion.

United States market for Automotive Permanent Magnet Synchronous Motors is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Automotive Permanent Magnet Synchronous Motors is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Automotive Permanent Magnet Synchronous Motors is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Automotive Permanent Magnet Synchronous Motors players cover Hitachi, Siemens, Continental AG, TMEIC, Bosch, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the "Automotive Permanent Magnet

"Synchronous Motors Industry Forecast" looks at past sales and reviews total world Automotive Permanent Magnet Synchronous Motors sales in 2025, providing a comprehensive analysis by region and market sector of projected Automotive Permanent Magnet Synchronous Motors sales for 2026 through 2032. With Automotive Permanent Magnet Synchronous Motors sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Automotive Permanent Magnet Synchronous Motors industry.

This Insight Report provides a comprehensive analysis of the global Automotive Permanent Magnet Synchronous Motors landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Automotive Permanent Magnet Synchronous Motors portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Automotive Permanent Magnet Synchronous Motors market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Automotive Permanent Magnet Synchronous Motors and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Automotive Permanent Magnet Synchronous Motors.

This report presents a comprehensive overview, market shares, and growth opportunities of Automotive Permanent Magnet Synchronous Motors market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

8000-10000 rpm

10000-50000 rpm

Over 50000 rpm

Segmentation by Application:

Passenger Vehicles

Commercial Vehicles

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 analysing the company's coverage, product portfolio, its market penetration.

Hitachi

Siemens

Continental AG

TMEIC

Bosch

Harbin Electric Corporation Jiamusi Electric Machine

Jiangsu Weiteli Motor

Shenzhen MC Motor Technology

Hunan SUND Technological

Beijing TOP Technology

Sichuan Jiuyuan Qifu Technology

Xiangtan Hualian Motor

Yichang Huanyee Motor

Shanghai ZINSIGHT Technology

Key Questions Addressed in this Report

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

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

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

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

How does Automotive Permanent Magnet Synchronous Motors break out by Type, by Application?

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