

Empowering Industries: Global IE4 Permanent Magnet Synchronous Motors Market Set to Reach \$206.62 Million by 2025

IE4 Permanent Magnet Synchronous Motors Market: Global Opportunity Analysis and Industry Forecast, 2013-2025

WILMINGTON, DELAWARE, UNITED STATES, November 20, 2023 /EINPresswire.com/ -- Allied Market Research has unveiled a comprehensive report titled "[IE4 Permanent Magnet Synchronous Motors Market](#)," offering insights into the market's trajectory and potential. Valued at \$101.74 million in 2017, the global IE4 permanent magnet synchronous motors market is projected to reach an impressive \$206.62 million by 2025, registering a robust CAGR of 9.8% during the forecast period from 2018 to 2025.

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The market's growth is fueled by an increased demand for energy-efficient motors and a rising adoption of motors with minimal operating costs. Despite these positive trends, domestic manufacturers face constant challenges in adapting to mass production of IE4 PMS motors, hindering market growth. However, rapid advancements in design methods to reduce carbon emissions present lucrative opportunities for emerging market players in the near future.

Key Highlights:

Energy Efficiency Driving Growth: The rise in demand for energy-efficient motors with minimal operating costs is a key factor propelling the global IE4 permanent magnet synchronous motors market's growth.

Segment Insights:

The 20-200 kW segment generated nearly half of the total market revenue in 2017 and is poised to maintain its dominance through 2025. Its greater energy efficiency has driven demand, especially in the sugar processing industry.

The >200 kW segment is anticipated to grow at the highest CAGR of 10.3% during the forecast period.

Fastest-Growing Application Segment:

The coolers segment is projected to register the highest CAGR of 10.4% from 2018 to 2025, driven by increased investments in wind power generation.

The air compressors & vacuum pumps segment is expected to continue its dominance and occupy nearly one-fifth of the overall market shares by 2025.

Regional Insights:

Asia-Pacific contributed more than two-fifths of the overall market revenue in 2017 and is expected to maintain its lion's share throughout the forecast period. Increased utilization in packaging & plastic processing industries and the region's growing industrial activities are key drivers.

Asia-Pacific is anticipated to grow at the highest CAGR of 10.3% from 2018 to 2025.

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Industry Torchbearers:

Key players in the industry include ABB, Altra Industrial Motion Corp, Anhui Wannan Electric Machine Co., Ltd., Bharat Bijlee, CG global, Danfoss, Fuji Electric Co., Ltd., Hitachi Ltd., Kaeser Kompressoren, Kienle + Spiess GmbH, KSB SE & Co. KGaA, Lafert, Merkes GmbH, Nidec, NORD Drive systems, O.M.E. Motori Elettrici s.r.l., OEMER, Siemens AG, Toshiba Corporation, VEM Group, and Weg S.A.

These industry leaders have adopted various strategies, such as collaborations, joint ventures, partnerships, expansions, mergers & acquisitions, to secure a robust position in the market.

Explore More: Interested parties can delve deeper into the market dynamics and trends through Allied Market Research's Knowledge Tree, a cloud-based intelligence platform offering over 2,000 selective, off-the-shelf reports on niche markets. Access it here.

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