

Switched Reluctance Motor Market Accelerates Growth with Rising Demand for Energy-Efficient Solutions

OREGON, DE, UNITED STATES, March 4, 2025 /EINPresswire.com/ -- According to the report, the [switch reluctance motor market](#) size was valued at \$566.0 million in 2023, and is estimated to reach \$978.6 million by 2033, growing at a CAGR of 6% from 2024 to 2033.

Allied Market Research published a report, titled, "Switch Reluctance Motor Market by Product Type (Single Phase, Double Phase and Multiphase), Operating Power (Less Than 100 KW, 100-500 KW and Above 500 KW), End-User (Automotive, Industrial and Others): Global Opportunity Analysis and Industry Forecast, 2024-2033".

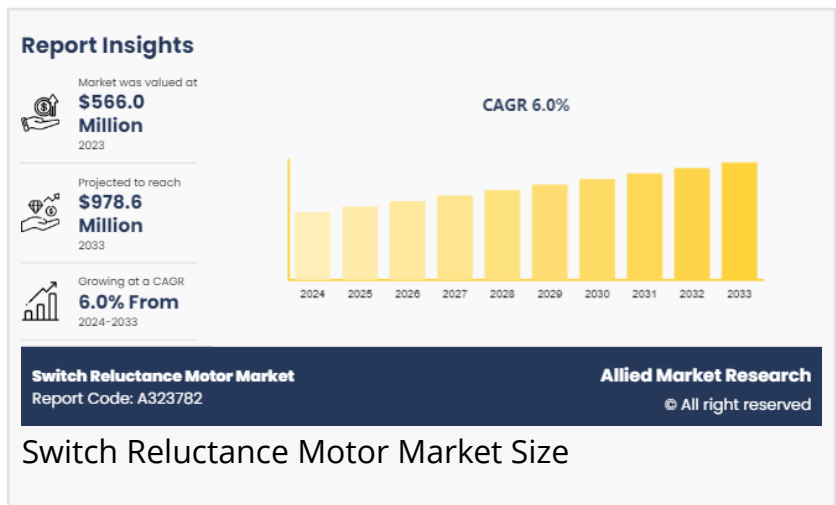
Download Sample Pages - <https://www.alliedmarketresearch.com/request-sample/A323782>

Prime determinants of growth

The global switch reluctance motor market is experiencing growth due to several factors such as growing adoption of hybrid and electric vehicles. However, the high cost of motors restrains the growth of the market. Moreover, the rising application of switch reluctance motors offers remunerative opportunities for the expansion of the global market.

For instance, in October 2022, the Indian government declared that it would open 42 oil and gas blocks for exploration and production through worldwide competitive bidding. India will more than double the area under investigation and production of oil and gas to 0.5 million square kilometres by 2025 and 1 million square kilometres by 2030, intending to raise domestic output and reduce reliance on imported fuel, thus creating a favourable outlook for demand for industrial motors in the oil and gas industry.

Recent Key Developments and Strategies



In March 2023, Nidec SR Drives Ltd made important advancements in the switching reluctance motor (SRM) market. They just created the Nidec SR Drives Switched Reluctance Motor System. This SRM system is designed for a variety of uses, including industrial machines, electric vehicles, and renewable energy systems. Nidec SR Drives is well-known for its skill in developing and manufacturing revolutionary electric motor and drive solutions, including those based on switching reluctance technology.

In August 2021, Enedym Inc., a global leader in the development of next generation switched reluctance motors (SRMs) and other products, has collaborated with the Napino Group, one of India's leading automotive electronic product suppliers, to develop and manufacture complete motor solutions for two-wheeler electric vehicles in India.

By Product Type

□□□ □□□□□□□□□□ □□□□□□ □□ □□□□□□□□ □□ □□□□□□ □□□□□ □□□□□□□□□□ □□□ □□□□□□□□ □□□□□□.

By product type, the multiphase segment generated the largest share in 2023 owing to multiphase switch reluctance motors offer improved performance and efficiency compared to their single-phase counterparts. They provide higher torque density, better fault tolerance, and smoother operation, which are critical for applications in industries such as automotive, aerospace, and industrial machinery. Additionally, the increasing demand for energy-efficient and high-performance motors in electric vehicles and renewable energy systems has driven the adoption of multiphase technology.

Inquire Before Buying - <https://www.alliedmarketresearch.com/purchase-enquiry/A323782>

By Operating Power

The above 500 kilowatts segment is expected to witness rapid growth throughout the forecast period.

By operating power, electric motors with power ratings above 500 kilowatts are commonly used in heavy-duty industrial applications, large-scale machinery, and power production systems. These high-power motors serve an important role in driving huge equipment and facilitating large industrial operations, emphasizing durability and dependability.

By End-User

The industrial segment is expected to witness rapid growth throughout the forecast period.

By end user, in the industrial sector, [switch reluctance motors \(SRMs\)](#) are increasingly preferred

for their robustness, efficiency, and simplicity. These motors are particularly well-suited for variable speed drives, which are essential in applications such as pumps, fans, compressors, and conveyors. Their ability to operate efficiently over a wide range of speeds and under varying load conditions makes them ideal for industrial automation and process control systems.

By Region

Asia-Pacific region to maintain its dominance by 2033.

Region wise, the adoption of switch reluctance motors for industrial applications in China is also likely to be boosted by smart manufacturing efforts. According to the Ministry of Industry and Information Technology, the Chinese government has launched many smart manufacturing pilot projects. According to the 13th five-year plan, the country wants to develop an intelligent manufacturing system and accomplish crucial industrial transformations by 2025. As a result of such initiatives, automakers have expanded their manufacturing facilities in China, indicating a positive prognosis for industrial motor demand during the forecast period.

Procure Complete Research Report Now: <https://www.alliedmarketresearch.com/switch-reluctance-motor-market/purchase-options>

Players:

Enedym Inc.

Infineon Technologies AG

Nidec SR Drives Ltd.

E. KRETZSCHMAR

Domel, d.o.o.

Maccon

Renesas Electronics Corporation

Ramco Electric Motors

Regal Beloit Corporation

Turnide

Advanced Electric Machines (AEM)

The report provides a detailed analysis of these key players in the global switch reluctance motor market. These players have adopted different strategies such as new product launches, collaborations, expansion, joint ventures, agreements, and others to increase their market share and maintain dominant shares in different regions. The report is valuable in highlighting business performance, operating segments, product portfolio, and strategic moves of market players to showcase the competitive scenario.

Explore More Trending Reports

<https://www.alliedmarketresearch.com/automotive-suspension-market> - Automotive Suspension Market Size, Share, Competitive Landscape and Trend Analysis Report, by Component, by Vehicle Type, by Geometry, by Suspension Type, by System : Global Opportunity Analysis and Industry Forecast, 2023-2032

<https://www.alliedmarketresearch.com/automotive-fabric-market> - Automotive Fabric Market Size, Share, Competitive Landscape and Trend Analysis Report, by Fabric Type, Application and Vehicle Type : Global Opportunity Analysis and Industry Forecast, 2020-2027

<https://www.alliedmarketresearch.com/traction-motor-market-A06635> - Traction Motor Market Size, Share, Competitive Landscape and Trend Analysis Report, by Application, Type and Power Rating : Global Opportunity Analysis and Industry Forecast, 2020-2027

□□□□ □□ :

Allied Market Research (AMR) is a full-service market research and business-consulting wing of Allied Analytics LLP based in Wilmington, Delaware. Allied Market Research provides global enterprises as well as medium and small businesses with unmatched quality of "Market Research Reports" and "Business Intelligence Solutions." AMR has a targeted view to provide business insights and consulting to assist its clients to make strategic business decisions and achieve sustainable growth in their respective market domain.

We are in professional corporate relations with various companies, and this helps us in digging out market data that helps us generate accurate research data tables and confirms utmost accuracy in our market forecasting. Each and every data presented in the reports published by us is extracted through primary interviews with top officials from leading companies of domain concerned. Our secondary data procurement methodology includes deep online and offline research and discussion with knowledgeable professionals and analysts in the industry.

David Correa

Allied Market Research

+ 1 800-792-5285

[email us here](#)

Visit us on social media:

[Facebook](#)

[X](#)

[LinkedIn](#)

[YouTube](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/790918604>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire,

Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.