

Global Electronically Commutated Motor Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Electronically Commutated Motor market size was valued at US\$ 10760 million in 2024 and is forecast to a readjusted size of USD 19480 million by 2031 with a CAGR of 8.9% during review period.

An Electronically Commutated Motor (ECM) is a type of motor that uses electronic controls to vary its speed and torque. These motors are known for their efficiency and precise control of rotation, making them suitable for a wide range of applications such as HVAC systems, refrigerators, and industrial equipment. ECMs typically use permanent magnets and advanced electronic controls to achieve higher efficiency compared to traditional motors. They are often used in situations where energy efficiency and variable speed operation are important considerations.

Global key players of Electronically Commutated Motor include Nidec Motor Corporation, Minebea Mitsumi, ABB, Panasonic, Wolong, etc. The top five players hold a share about 42%. China is the largest market for Electronically Commutated Motor and has a share about 43%, followed by North America and Europe, with share 17% and 15%, separately. In terms of product type, Inner Rotor is the largest segment, occupied for a share of 67%. In terms of application, Home Appliances is the largest application, occupied for a share of 25%.

This report is a detailed and comprehensive analysis for global Electronically Commutated Motor market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as

well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Electronically Commutated Motor market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (USD/Unit), 2020-2031

Global Electronically Commutated Motor market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (USD/Unit), 2020-2031

Global Electronically Commutated Motor market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (USD/Unit), 2020-2031

Global Electronically Commutated Motor market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (USD/Unit), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Electronically Commutated Motor
- To forecast future growth in each product and end-use market
- To forecast future factors affecting the marketplace

This report profiles key players in the global Electronically Commutated Motor market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Nidec Motor Corporation, Minebea Mitsumi, ABB, Panasonic, Wolong, Johnson Electric, Welling Motor, Ebm-papst, Topband, Maxon Motor, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Electronically Commutated Motor market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Inner Rotor

Outer Rotor

Market segment by Application

Home Appliances

HVAC Systems

Information Processing Equipment

Industrial Engineering, and Model Engineering

Material Handling Equipment

CNC Machine Tools

Automobiles

Others

Major players covered

Nidec Motor Corporation

Minebea Mitsumi

ABB

Panasonic

Wolong

Johnson Electric

Welling Motor

Ebm-papst

Topband

Maxon Motor

AMETEK

Broad-Ocean Motor

Portescap

Shinano Kenshi

Cinderson Tech

WEG

Moons' Electric

Allient

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East)

& Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Electronically Commutated Motor product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Electronically Commutated Motor, with price, sales quantity, revenue, and global market share of Electronically Commutated Motor from 2020 to 2025.

Chapter 3, the Electronically Commutated Motor competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Electronically Commutated Motor breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Electronically Commutated Motor market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Electronically Commutated Motor.

Chapter 14 and 15, to describe Electronically Commutated Motor sales channel, distributors, customers, research findings and conclusion.

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