

Global Automotive Brushless DC Motor Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/G4CFEF9FA42FEN.html>

Date: November 2025

Pages: 118

Price: US\$ 3,480.00 (Single User License)

ID: G4CFEF9FA42FEN

Abstracts

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

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

An Automotive Brushless DC Motor is a synchronous motor powered by DC electricity featuring an electronically commutated system, rather than brushes, to turn the motor. The motor uses permanent magnets on the rotor and can include various types of sensors to ensure optimal performance. The absence of brushes leads to reduced maintenance, higher efficiency, and a longer lifespan.

This report is a detailed and comprehensive analysis for global Automotive Brushless DC 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 Automotive Brushless DC Motor market size and forecasts, in consumption

value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

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

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

Global Automotive Brushless DC Motor market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/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 Automotive Brushless DC Motor

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Automotive Brushless DC 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 Bafang Electric, Renesas Electronics Corporation, Monolithic Power Systems, Arc Systems, AMETEK, Rotex Electric, Nidec Corporation, Maxon Motor, Johnson Electric Holdings, Allied Motion, etc.

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

Market Segmentation

Automotive Brushless DC 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 Motor

Outer Rotor Motor

Market segment by Application

Commercial Vehicle

Passenger Vehicle

Major players covered

Bafang Electric

Renesas Electronics Corporation

Monolithic Power Systems

Arc Systems

AMETEK

Rotex Electric

Nidec Corporation

Maxon Motor

Johnson Electric Holdings

Allied Motion

Sinotech

Sensata Technologies

Geeplus

ElectroCraft

Hansen Motors

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 Automotive Brushless DC Motor product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the Automotive Brushless DC 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 Automotive Brushless DC 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 Automotive Brushless DC Motor.

Chapter 14 and 15, to describe Automotive Brushless DC Motor sales channel, distributors, customers, research findings and conclusion.

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