

# Global Electric Car Motor Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Electric Car Motor market size was valued at USD 115140 million in 2023 and is forecast to a readjusted size of USD 344300 million by 2030 with a CAGR of 16.9% during review period.

A motor is a component that converts battery energy into mechanical energy and drives the wheels of an electric vehicle to rotate. Car driving is characterized by frequent starting, acceleration, deceleration, and parking. High torque is required at low speeds or climbing, and low torque is required at high speeds. The speed range of the motor should be able to meet the requirements of the car from zero to the maximum driving speed, that is, the motor must have a high specific power and power density.

Global EV sales continued strong. A total of 10,5 million new BEVs and PHEVs were delivered during 2022, an increase of +55 % compared to 2021. China and Europe emerged as the main drivers of strong growth in global EV sales. In 2022, the production and sales of new energy vehicles in China reach 7.0 million and 6.8 million respectively, a year-on-year increase of 96.9% and 93.4%, with a market share of 25.6%. The production and sales of new energy vehicles have ranked first in the world for eight consecutive years. Among them, the sales volume of pure electric vehicles was 5.365 million, a year-on-year increase of 81.6%. In 2022, sales of pure electric vehicles in Europe will increase by 29% year-on-year to 1.58 million.

The Global Info Research report includes an overview of the development of the Electric Car Motor industry chain, the market status of PHEV (Permanent Magnet Synchronous Motor, Asynchronous Motor), HEV (Permanent Magnet Synchronous Motor, Asynchronous Motor), and key enterprises in developed and developing market, and

analysed the cutting-edge technology, patent, hot applications and market trends of Electric Car Motor.

Regionally, the report analyzes the Electric Car Motor markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Electric Car Motor market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Electric Car Motor market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Electric Car Motor industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Permanent Magnet Synchronous Motor, Asynchronous Motor).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Electric Car Motor market.

**Regional Analysis:** The report involves examining the Electric Car Motor market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Electric Car Motor market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Electric Car Motor:

**Company Analysis:** Report covers individual Electric Car Motor manufacturers,

suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Electric Car Motor. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (PHEV, HEV).

**Technology Analysis:** Report covers specific technologies relevant to Electric Car Motor. It assesses the current state, advancements, and potential future developments in Electric Car Motor areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Electric Car Motor market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Electric Car Motor market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

Permanent Magnet Synchronous Motor

Asynchronous Motor

Others

### Market segment by Application

PHEV

HEV

BEV

### Major players covered

Fukuta

BYD

Broad Ocean

ZF Friedrichshafen AG

Bosch

Jing-Jin Electric (JJE)

Anhui JEE

Mitsubishi Motors Corporation

Hitachi

USES

HASCO

MAGNA

Shenzhen Greatland Electrics Inc

Hepu Power

Zhejiang Founder Motor Co.,Ltd

Zhuhai Inpower

Denso

Tesla 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 Electric Car Motor product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Electric Car Motor, with price, sales, revenue and global market share of Electric Car Motor from 2019 to 2024.

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

Chapter 4, the Electric Car Motor breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2017

to 2023.and Electric Car Motor market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

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 Electric Car Motor.

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

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