

Global E-Drive for Automotive Market Size study & Forecast, by Electric Vehicle Type (Battery Electric Vehicle, Plugin Hybrid Vehicle, Hybrid Vehicle), by Vehicle Drive type (Front Wheel Drive, Rear Wheel Drive, All Wheel Drive), by Application (Passenger Cars, Commercial Vehicles) and Regional Analysis, 2022-2029

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Abstracts

Global E-Drive for Automotive Market is valued at approximately USD 9.6 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 8.8% over the forecast period 2022-2029. E-Drive refers to the parts and systems in an electric vehicle's drive system that transforms electricity into power. The vehicle may also be powered by fuel cells, batteries, or other energy sources. The power modulator, the motor, the controlling unit, and the sensor units are the essential components of electrical drives. The increasing adoption of Electric Vehicles and stringent regulations towards vehicle emissions are key factors accelerating the market growth.

The increasing adoption of electric vehicles worldwide is contributing to the growth of the Global E-Drive for Automotive Market. For instance, according to International Energy Agency (IEA) estimates – in 2020, the worldwide sales of electric cars were estimated at 3 million units, and the sales of electric cars further increased to 6.66 million units in 2021. Moreover, as per Statista – as of 2022, revenue in the global Electric Vehicles market is estimated at USD 384 billion, and the revenue is expected to show an annual growth rate (CAGR 2022-2027) of 17.75%, to reach a market volume of USD 869.3 billion by 2027. Also, growing investment in EV charging infrastructure and favorable initiatives from government authorities would create a lucrative growth prospectus for the market over the forecast period. However, the high cost of E-Drive

systems stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global E-Drive for Automotive Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the market in terms of revenue, owing to the presence of leading market players operating in E-Drive segment and increasing adoption of electric vehicles in the region. Whereas Asia Pacific is expected to grow with the highest CAGR during the forecast period, owing to factors such as rising adoption of electric vehicles and increasing investment from government authorities to promote adoption of clean mobility solutions in the region.

Major market players included in this report are:

Toyota Motor Corporation

Continental AG

Robert Bosch GmbH

ZF Friedrichshafen AG

BorgWarner Inc.

Magna International Inc.

AISIN SEIKI Co. Ltd.

Schaeffler AG, Hitachi, Ltd

GKN PLC

E-TRACTION B.V

Recent Developments in the Market:

In October 2022, Nidec Corporation, a Japan based manufacturer and distributor of electric motors announced a series production of its second gen. electric axle drive system Gen.2 at its Chinese subsidiary Guangzhou Nidec Auto Drive System.

In March 2022, Michigan, United States based Nexteer Automotive announced expansion of a new eDrive product line with the launch of a 48-volt Integrated Belt-Driven Starter Generator (iBSG). This new product from Nexteer hybridizes conventional internal combustion engine (ICE) vehicles.

Global E-Drive for Automotive Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Electrical Vehicle Type, Vehicle Drive Type, Application, Region
Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World
Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Electric Vehicle Type

Battery Electric Vehicle

Plugin Hybrid Vehicle

Hybrid Vehicle

By Vehicle Drive type

Front Wheel Drive

Rear Wheel Drive

All Wheel Drive

By Application

Passenger Cars

Commercial Vehicles

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy
ROE
Asia Pacific
China
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