

Electric Powertrain Market Poised to Hit \$1,078.18 Billion by 2031, Driving the Future of Mobility

Rise in sales of electric vehicles and strict vehicular emission norms drive the growth of the global electric powertrain market.

OREGON, DE, UNITED STATES, March 9, 2025 /EINPresswire.com/ -- According to the report published by Allied Market Research, the global [electric powertrain market](#) accrued earnings worth \$83.66 billion in 2021, and is predicted to hit \$1,078.18 billion by 2031, registering a CAGR of 29.1% from 2022 to 2031.

The market research study provides a detailed analysis of oscillating market trends, top-most segments, value chain analysis, major investment business scenarios, regional space, and competitive landscape. The study is a key information source for giant players, entrepreneurs, shareholders, and owners in generating new strategies for the future and taking steps to improve their market position. The report displays an in-depth quantitative analysis of the market from 2022 to 2031 and guides investors in allocating funds to the rapidly emerging industry.

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The factors such as growth in trend of downsized engines, increase in sales of electric vehicles, and stringent vehicular emission norms & regulations propel the [demand for electric powertrain market](#). However, high manufacturing costs and range anxiety & serviceability are the factors expected to hamper the market growth. In addition, rocketing infrastructural developments of EV infrastructure and advancement in technology are some of the factors that create lucrative opportunities for the electric powertrain market during the forecast period.

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BorgWarner, Robert Bosch GmbH, Continental AG, Dana Incorporated, Denso, Hitachi, Magna International Inc., Magneti Marelli Ck Holdings, Mitsubishi Electric Corp., Nidec Corporation, Panasonic, Schaeffler AG, Toyota Industries Corporation, Valeo, ZF Friedrichshafen AG, Brusa Elektronik (Key Innovator) and Kelly Controls, Inc. (Key Innovators).

The report offers detailed segmentation of the global electric powertrain market based on

component, vehicle type, vehicle class, vehicle drive type, application, and region. It provides an in-depth analysis of every segment and sub-segment in tables and figures through which consumers can derive a conclusion about market trends and insights. The market report analysis aids organizations, investors, and entrepreneurs in understanding which sub-segments are to be tapped for achieving huge growth in the years ahead.

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Based on the application, the BEV segment contributed the largest market share in 2021, accounting for more than three-fourths of the overall share of the global electric powertrain market. Moreover, this segment is predicted to retain its dominant status during the forecast timespan. In addition, the segment is projected to record the fastest CAGR of 29.5% during the forecast period. The report also provides an overall analysis of segments such as PHEV and FCEV.

Based on the component, the battery segment held the largest share in 2021, contributing nearly three-fifths of the overall share of the global electric powertrain market. Moreover, this segment is predicted to contribute the highest market share by 2031. However, the on-board charger segment is also anticipated to record the fastest growth with CAGR of nearly 34.2% during the forecast timespan. The report also provides an overall analysis of segments such as power electronic controller, motor/generator, converter, and transmission.

Based on the vehicle type, the passenger car segment held the largest share in 2021, contributing more than four-fifths of the overall share of the global electric powertrain market. Moreover, this segment is predicted to contribute the highest market share by 2031. However, the commercial vehicle segment is also anticipated to record the fastest growth with CAGR of nearly 31.0% during the forecast timespan.

Based on region, [Asia-Pacific contributed toward the highest market share](#) in 2021, accounting for nearly half of the global electric powertrain market. The region is predicted to contribute majorly toward the global market share in 2031. Moreover, the LAMEA electric power train market is slated to record the highest CAGR of 32.0% during the forecast timeline. The research also analyzes regions including Europe and North America.

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KEY FINDINGS OF THE STUDY

By component, on-board charger segment is anticipated to exhibit a remarkable growth during the forecast period.

On the basis of vehicle type, the commercial vehicle segment is anticipated to exhibit a

remarkable growth during the forecast period.

On the basis of vehicle class, the luxury segment is the highest contributor to the electric powertrain market in terms of growth rate.

By vehicle drive type, the rear wheel drive segment is anticipated to exhibit a remarkable growth during the forecast period.

On the basis of application, the battery electric vehicle (BEV) segment is expected to exhibit a remarkable growth during the forecast period.

By region, LAMEA would exhibit higher growth rate as compared to other regions.

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