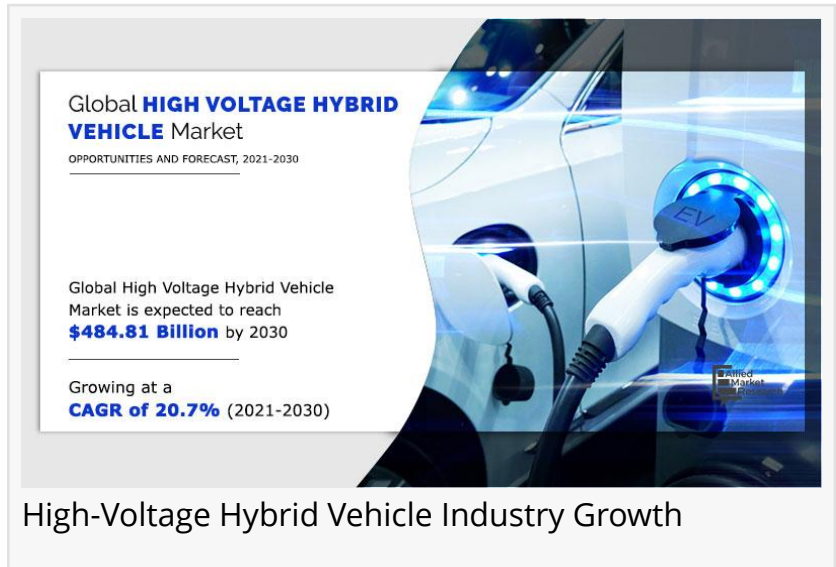


# Allied Market Research: High-Voltage Hybrid Vehicles Market to Grow USD 101.44 Billion to USD 484.81 Billion (2021-2030)

WILMINGTON, NEW CASTLE, DE,  
UNITED STATES, July 7, 2025

/EINPresswire.com/ -- According to the report published by Allied Market Research, the [global high-voltage hybrid vehicles market](#) garnered \$101.44 billion in 2020, and is expected to reach \$484.81 billion by 2030, witnessing a CAGR of 20.7% from 2021 to 2030. The report provides a detailed analysis of changing market dynamics, top segments, value chain, key investment pockets, regional scenario, and competitive landscape.



Factor such as government policies to promote the electrified vehicles is estimate to create lucrative growth opportunities for high-voltage hybrid vehicle. The passenger car segment is estimated to witness as a leading market share, owing to increase in inclination toward green mobility of the end consumers. Moreover, buses followed by trucks leads the market growth as majority of the commercial fleet operators are converting their existing conventional fleet to the electrified fleet. Moreover, Asia-Pacific is the market mover in the global high-voltage hybrid vehicle market in which China and India are expected to be the emerging countries in the global market.

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Increase in adoption of fuel-efficient mobility solutions and reduction in prices of batteries per KWH drive [the growth of the global high-voltage hybrid vehicle market](#). However, lowered production and sales of automotive and lack of skilled workforce to perform maintenance and repair activities restrain the market growth. Contrarily, untapped potential in developing nations and government policies, regulations, and subsidies are expected to present growth opportunities for market players.

## Key Findings Of The Study

By vehicle type, the trucks segment is expected to register significant growth during the forecast period.

By, propulsion, hybrid electric vehicle (HEV) segment is projected to lead the global market in terms of market share by the end of the forecast period.

By voltage, the Less than 340 Volts segment is projected to lead the global market, in terms of market share, by the end of the forecast period.

By region, Asia-Pacific dominated the global high voltage hybrid vehicle market in 2020 in terms of market share. Moreover, North America is anticipated to lead the market growth.

The report offers detailed segmentation of the global high-voltage hybrid vehicles market based on vehicle type, propulsion, voltage, and region.

Based on vehicle type, the passenger cars segment held the highest share in 2020, accounting for more than four-fifths of the total market share, and is expected to continue its lead position during the forecast period. However, the trucks segment is projected to register the highest CAGR of 23.7% from 2021 to 2030.

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Based on voltage, the less than 340 Volts segment accounted for the highest share in 2020, contributing to nearly three-fourths of the global high-voltage hybrid vehicle market, and is expected to maintain its dominance in terms of revenue during the forecast period. Moreover, this segment is estimated to manifest the largest CAGR of 22.1% from 2021 to 2030.

Based on region, [Asia-Pacific contributed to the highest share in terms of revenue](#) in 2020, accounting for more than half of the total share, and is estimated to maintain its leadership status by 2030. However, North America is expected to portray the fastest CAGR of 24.1% during the forecast period.

Leading players of the global high-voltage hybrid vehicles market analyzed in the research include BMW Group, Daimler AG, BYD Company Limited, Groupe Renault, Ford Motor Company, Kia Corporation, Honda Motor Co., Ltd., Volkswagen AG, Toyota Motor Corporation, and Volvo Car Corporation.

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