

# **North America Electric Vehicle Power Inverter Market 2021-2031 by Inverter Type (Traction, Soft-switching), Integration Level (Integrated, Mechatronic, Separate), Propulsion Type (BEVs, HEVs, PHEVs, FCEVs), Vehicle Type (Passenger, Commercial), Distribution (Aftermarket, OEM), and Country: Trend Forecast and Growth Opportunity**

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## **Abstracts**

North America electric vehicle power inverter is projected to grow by 15.5% annually in the forecast period and reach \$12,414 million by 2031, driven by the increasing sales of electric vehicles, the growing incorporation of inverters operating in EVs, the growing government support, and the technological advancements in the field of power electronics.

Highlighted with 22 tables and 41 figures, this 104-page report “North America Electric Vehicle Power Inverter Market 2021-2031 by Inverter Type (Traction, Soft-switching), Integration Level (Integrated, Mechatronic, Separate), Propulsion Type (BEVs, HEVs, PHEVs, FCEVs), Vehicle Type (Passenger, Commercial), Distribution (Aftermarket, OEM), and Country: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire North America electric vehicle power inverter market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2018-2021 and provides forecast from 2022 till 2031 with 2021 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of North America market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify North America electric vehicle power inverter market in every aspect of the classification from perspectives of Inverter Type, Integration Level, Propulsion Type, Vehicle Type, Distribution, and Country.

Based on Inverter Type, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Traction Inverter

Soft-switching Inverter

Based on Integration Level, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Integrated Inverter System

Mechatronic Integration System

Separate Inverter System

By Propulsion Type, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Battery Electric Vehicles (BEVs)

Hybrid Electric Vehicles (HEVs)

Plug-in Hybrid Electric Vehicle (PHEVs)

Fuel Cell Electric Vehicle (FCEVs)

By Vehicle Type, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Passenger Cars

Commercial Vehicles

By Distribution, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Aftermarket

OEM

Geographically, the following national/local markets are fully investigated:

U.S.

Canada

Mexico

For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2021-2031. The breakdown of national markets by Propulsion Type,

Vehicle Type and Distribution over the forecast years are also included.

The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

Aptiv PLC (Borgwarner Inc.)

Continental AG

CWB Automotive Electronics Co., Ltd.

DENSO Corporation

Drive System Design LTD

Eaton Corporation PLC

Exalta Oxy Neuron

Fraunhofer ISE

Hangzhou Tonny Electric & Tools Co., Ltd.

Hitachi Astemo Ltd

Hyundai Mobis Co., Ltd.

Infineon Technologies AG

Jinan ACME Power Supply Co., Ltd.

John Deere Electronic Solutions

Lear Corporation

LG Magna e-Powertrain

Marelli Corporation

Meidensha Corporation

Mitsubishi Electric Corporation

Robert Bosch GMBH

Toyota Industries Corporation

Valeo Group

Vitesco Technologies

Wenzhou Kangyu Electrical Co., Ltd.

ZF Friedrichshafen AG

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

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