

Global Automotive Inverter Market 2022-2028

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Abstracts

An automotive inverter is a electronic device that is designed to convert the direct current (DC) electrical output from an automotive battery into an alternating current (AC). According to Gen Consulting Company, the global automotive inverter market is projected to reach USD 20,001 million, recording a CAGR of approximately 16.7 percent from 2022 to 2028.

The report provides in-depth analysis and insights regarding the current global market scenario, latest trends and drivers into global automotive inverter market. It offers an exclusive insight into various details such as market size, key trends, competitive landscape, growth rate and market segments. This study also provides an analysis of the impact of the COVID-19 crisis on the automotive inverter industry.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the vehicle type, propulsion, technology, material, end market, and region. The global market for automotive inverter can be segmented by vehicle type: commercial vehicle, passenger cars. Globally, the passenger cars segment made up the largest share of the automotive inverter market. Automotive inverter market is further segmented by propulsion: battery electric vehicle (BEV), hybrid electric vehicle (HEV), plug-in hybrid electric vehicle (PHEV). Based on technology, the automotive inverter market is segmented into: IGBT, MOSFET. On the basis of material, the automotive inverter market also can be divided into: gallium nitride (GaN), silicon, silicon carbide (SiC). Automotive inverter market by end market is categorized into: OEM, aftermarket. The automotive inverter market by region can be segmented into: Asia Pacific, Europe, North America, Rest of the World (RoW).

By vehicle type:

commercial vehicle

passenger cars

By propulsion:

battery electric vehicle (BEV)

hybrid electric vehicle (HEV)

plug-in hybrid electric vehicle (PHEV)

By technology:

IGBT

MOSFET

By material:

gallium nitride (GaN)

silicon

silicon carbide (SiC)

By end market:

OEM

aftermarket

By region:

Asia Pacific

Europe

North America

Rest of the World (RoW)

The global automotive inverter market report offers detailed information on several market vendors, including China Auto Electronics Group Limited, Continental AG, Delphi Technologies PLC, DENSO Corporation, Hitachi, Ltd., Hyundai Mobis Co., Ltd., Lear Corporation, Magneti Marelli S.p.A., Mitsubishi Electric Corporation, Robert Bosch GmbH, Sensata Technologies, Inc., Siemens AG, Tata AutoComp Systems Limited, Toshiba Corporation, Toyota Industries Corporation, Valeo SA, among others.

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Historical & Forecast Period

This research report provides analysis for each segment from 2018 to 2028 considering 2021 to be the base year.

Scope of the Report

To analyze and forecast the market size of the global automotive inverter market.

To classify and forecast the global automotive inverter market based on vehicle type, propulsion, technology, material, end market, region.

To identify drivers and challenges for the global automotive inverter market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global automotive inverter market.

To identify and analyze the profile of leading players operating in the global automotive inverter market.

Why Choose This Report

Gain a reliable outlook of the global automotive inverter market forecasts from 2022 to 2028 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

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Contents

PART 1. INTRODUCTION

Report description
Objectives of the study
Market segment
Years considered for the report
Currency
Key target audience

PART 2. METHODOLOGY

PART 3. EXECUTIVE SUMMARY

PART 4. MARKET OVERVIEW

Introduction
Drivers
Restraints
Impact of COVID-19 pandemic

PART 5. MARKET BREAKDOWN BY VEHICLE TYPE

Commercial vehicle
Passenger cars

PART 6. MARKET BREAKDOWN BY PROPULSION

Battery electric vehicle (BEV)
Hybrid electric vehicle (HEV)
Plug-in hybrid electric vehicle (PHEV)

PART 7. MARKET BREAKDOWN BY TECHNOLOGY

IGBT
MOSFET

PART 8. MARKET BREAKDOWN BY MATERIAL

Gallium nitride (GaN)
Silicon
Silicon carbide (SiC)

PART 9. MARKET BREAKDOWN BY END MARKET

OEM
Aftermarket

PART 10. MARKET BREAKDOWN BY REGION

Asia Pacific
Europe
North America
Rest of the World (RoW)

PART 11. KEY COMPANIES

China Auto Electronics Group Limited
Continental AG
Delphi Technologies PLC
DENSO Corporation
Hitachi, Ltd.
Hyundai Mobis Co., Ltd.
Lear Corporation
Magneti Marelli S.p.A.
Mitsubishi Electric Corporation
Robert Bosch GmbH
Sensata Technologies, Inc.
Siemens AG
Tata AutoComp Systems Limited
Toshiba Corporation
Toyota Industries Corporation
Valeo SA

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