

Electric Vehicle Power Inverter Report: Trends, Forecast and Competitive Analysis

<https://marketpublishers.com/r/E510696F1610EN.html>

Date: February 2023

Pages: 150

Price: US\$ 4,850.00 (Single User License)

ID: E510696F1610EN

Abstracts

Electric Vehicle Power Inverter Market Trends and Forecast

The future of the global electric vehicle power inverter market looks promising with opportunities in the passenger vehicle and commercial vehicle markets. The global electric vehicle power inverter market is expected to grow with a CAGR of 22% to 24% from 2023 to 2028. The major drivers for this market are increasing government initiatives towards pollution-free environment, reduced cost of inverter components, and growth in the sale of electric vehicles.

Electric Vehicle Power Inverter Market by Propulsion, Inverter, and Vehicle

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below. To learn the scope, benefits, companies researched, and other details of the global electric vehicle power inverter market report, please download the report brochure.

Electric Vehicle Power Inverter Market by Segments

Electric Vehicle Power Inverter Market by Segment

The study includes a forecast for the global electric vehicle power inverter market by propulsion, inverter type, vehicle type, and region, as follows:

Electric Vehicle Power Inverter Market by Propulsion [Value (\$B) Shipment Analysis from 2017 to 2028]:

Full Hybrid Vehicle

Plug-In Hybrid Vehicle

Battery Electric Vehicle

Electric Vehicle Power Inverter Market by Inverter Type [Value (\$B) Shipment Analysis from 2017 to 2028]:

Traction Inverter

Soft-Switching Inverter

Electric Vehicle Power Inverter Market by Vehicle Type [Value (\$B) Shipment Analysis from 2017 to 2028]:

Passenger Vehicle

Commercial Vehicle

Electric Vehicle Power Inverter Market by Region Type [Value (\$B) Shipment Analysis from 2017 to 2028]:

North America

Europe

Asia Pacific

The Rest of the World

List of Electric Vehicle Power Inverter Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments,

infrastructural development, and leverage integration opportunities across the value chain. With these strategies electric vehicle power inverter companies cater to increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the electric vehicle power inverter companies profiled in this report include.

Continental

Robert Bosch

Hitachi Automotive Systems

Toyota

Denso

Aptiv

Meidensha

Mitsubishi Electric

Valeo

Infineon Technologies

Electric Vehicle Power Inverter Market Insights

Lucintel forecasts that battery electric vehicle will remain the largest segment over the forecast period due to increase in sale of battery electric cars and comparatively high cost of HEVs than other types of electric vehicles has gradual shifted the consumer preference from HEVs to BEVs.

Traction inverter is expected to remain the largest segment due to the ability to work with multiple motor technologies including AC induction, permanent-magnet synchronous (PMS), and interior permanent-magnet (IPM) types.

APAC will remain the largest region due to the increasing efforts being taken by

the government of China to promote adoption of electric vehicles on the road and rise in demand for solar powered electric vehicles.

Features of the Electric Vehicle Power Inverter Market

Market Size Estimates: Electric vehicle power inverter market size estimation in terms of value (\$B)

Trend And Forecast Analysis: Market trends (2017-2022) and forecast (2023-2028) by various segments and regions.

Segmentation Analysis: Electric vehicle power inverter market size by various segments, such as propulsion, inverter type, vehicle type, and region in terms of value (\$B)

Regional Analysis: Electric vehicle power inverter market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

Growth Opportunities: Analysis on growth opportunities in different propulsion, inverter type, vehicle type, and regions for the electric vehicle power inverter market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape for the electric vehicle power inverter market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is the electric vehicle power inverter market size?

Answer: The global electric vehicle power inverter market is expected to reach an estimated \$xx billion by 2028.

Q2. What is the growth forecast for electric vehicle power inverter market?

Answer: The global electric vehicle power inverter market is expected to grow with a CAGR of 22% to 24% from 2023 to 2028.

Q3. What are the major drivers influencing the growth of the electric vehicle power inverter market?

Answer: The major drivers for this market are increasing government initiatives towards pollution-free environment, reduced cost of inverter components, and growth in the sale of electric vehicles.

Q4. What are the major vehicle segments for electric vehicle power inverter market?

Answer: The future of the global electric vehicle power inverter market looks promising with opportunities in the passenger vehicle and commercial vehicle markets.

Q5. Who are the key electric vehicle power inverter companies?

Answer: Some of the key electric vehicle power inverter companies are as follows:

Continental

Robert Bosch

Hitachi Automotive Systems

Toyota

Denso

Aptiv

Meidensha

Mitsubishi Electric

Valeo

Infineon Technologies

Q6. Which electric vehicle power inverter propulsion segment will be the largest in future?

Answer: Lucintel forecasts that battery electric vehicle will remain the largest segment over the forecast period due to increase in sale of battery electric cars and comparatively high cost of HEVs than other types of electric vehicles has gradual shifted the consumer preference from HEVs to BEVs.

Q7. In electric vehicle power inverter market, which region is expected to be the largest in next 5 years?

Answer: APAC will remain the largest region due to the increasing efforts being taken by the government of China to promote adoption of electric vehicles on the road and rise in demand for solar powered electric vehicles.

Q8. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1. What are some of the most promising, high-growth opportunities for the electric vehicle power inverter market by propulsion (full hybrid vehicle, plug-in hybrid vehicle, and battery electric vehicle), inverter type (traction inverter and soft-switching inverter), vehicle type (passenger vehicle and commercial vehicle), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to electric vehicle power inverter market or related electric vehicle power inverter companies, electric vehicle power inverter market size, electric vehicle power inverter market share, electric vehicle power inverter analysis

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