

# Global Automotive On-board Power Inverters Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Automotive On-board Power Inverters market size was valued at USD 263.4 million in 2023 and is forecast to a readjusted size of USD 312.9 million by 2030 with a CAGR of 2.5% during review period.

A power inverter, or inverter, is an electronic device or circuitry that changes direct current (DC) to alternating current (AC). This report is aimed at the portable power inverter market used in the automotive. This report mainly covers non-embedded inverters – largely for the lower-end 12/24/48V devices that would be used to invert DC to AC for power tools, appliances, TVs, computers, etc., and the inverter/charger market in the same sort of categories.

Global Automotive On-board Power Inverters key players include Bestek, NFA, Philips, Stanley, etc. Global top four manufacturers hold a share over 45%.

China is the largest market, with a share about 30%, followed by Europe, and North America, both have a share about 50 percent.

In terms of product, Less Than 300 W is the largest segment, with a share over 65%. And in terms of application, the largest application is Passenger Cars, followed by Commercial Vehicles.

The Global Info Research report includes an overview of the development of the Automotive On-board Power Inverters industry chain, the market status of Passenger Cars (Less Than 300 W, Over 300 W), Commercial Vehicles (Less Than 300 W, Over

300 W), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Automotive On-board Power Inverters.

Regionally, the report analyzes the Automotive On-board Power Inverters markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Automotive On-board Power Inverters market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Automotive On-board Power Inverters market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Automotive On-board Power Inverters industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Less Than 300 W, Over 300 W).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Automotive On-board Power Inverters market.

**Regional Analysis:** The report involves examining the Automotive On-board Power Inverters market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Automotive On-board Power Inverters market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Automotive On-board Power Inverters:

**Company Analysis:** Report covers individual Automotive On-board Power Inverters manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Automotive On-board Power Inverters. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Passenger Cars, Commercial Vehicles).

**Technology Analysis:** Report covers specific technologies relevant to Automotive On-board Power Inverters. It assesses the current state, advancements, and potential future developments in Automotive On-board Power Inverters areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Automotive On-board Power Inverters market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Automotive On-board Power Inverters market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

Less Than 300 W

Over 300 W

## Market segment by Application

Passenger Cars

Commercial Vehicles

## Major players covered

Magnum Dimensions

NFA

ROADPRO

Bestek

Philips

Cobra

Stanley

Ampeak

Cotek

Whistler

Ozio

Schumacher

Samlex America

Power Bright

ERAYAK

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Automotive On-board Power Inverters product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Automotive On-board Power Inverters, with price, sales, revenue and global market share of Automotive On-board Power Inverters from 2019 to 2024.

Chapter 3, the Automotive On-board Power Inverters competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Automotive On-board Power Inverters breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Automotive On-board Power Inverters market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Automotive On-board Power Inverters.

Chapter 14 and 15, to describe Automotive On-board Power Inverters sales channel, distributors, customers, research findings and conclusion.

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