

Global Automotive on Board AC-DC 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 AC-DC Power Inverters market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

Automotive on board AC-DC power inverters are an electronic devices used to convert battery's DC power supply into alternating current (AC) to operate electronic devices such as infotainment system, mobile phone charger and others.

Automotive is a key driver of this industry. According to data from the World Automobile Organization (OICA), global automobile production and sales in 2017 reached their peak in the past 10 years, at 97.3 million and 95.89 million respectively. In 2018, the global economic expansion ended, and the global auto market declined as a whole. In 2022, there will wear units 81.6 million vehicles in the world. At present, more than 90% of the world's automobiles are concentrated in the three continents of Asia, Europe and North America, of which Asia automobile production accounts for 56% of the world, Europe accounts for 20%, and North America accounts for 16%. The world major automobile producing countries include China, the United States, Japan, South Korea, Germany, India, Mexico, and other countries; among them, China is the largest automobile producing country in the world, accounting for about 32%. Japan is the world's largest car exporter, exporting more than 3.5 million vehicles in 2022.

The Global Info Research report includes an overview of the development of the Automotive on Board AC-DC Power Inverters industry chain, the market status of Compact Cars (Less than 100 W Automotive on Board AC-DC Power Inverters, 100 W to 150 W Automotive on Board AC-DC Power Inverters), Mid-Size Cars (Less than 100

W Automotive on Board AC-DC Power Inverters, 100 W to 150 W Automotive on Board AC-DC Power Inverters), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Automotive on Board AC-DC Power Inverters.

Regionally, the report analyzes the Automotive on Board AC-DC 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 AC-DC 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 AC-DC 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 AC-DC 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 (Units), revenue generated, and market share of different by Type (e.g., Less than 100 W Automotive on Board AC-DC Power Inverters, 100 W to 150 W Automotive on Board AC-DC Power Inverters).

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 AC-DC Power Inverters market.

Regional Analysis: The report involves examining the Automotive on Board AC-DC 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 AC-DC 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 AC-DC Power Inverters:

Company Analysis: Report covers individual Automotive on Board AC-DC 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 AC-DC Power Inverters. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Compact Cars, Mid-Size Cars).

Technology Analysis: Report covers specific technologies relevant to Automotive on Board AC-DC Power Inverters. It assesses the current state, advancements, and potential future developments in Automotive on Board AC-DC Power Inverters areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Automotive on Board AC-DC 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 AC-DC 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 100 W Automotive on Board AC-DC Power Inverters

100 W to 150 W Automotive on Board AC-DC Power Inverters

More than 150 W Automotive on Board AC-DC Power Inverters

Market segment by Application

Compact Cars

Mid-Size Cars

SUVs

Luxury Cars

LCVs

HCVs

Major players covered

Eaton Corporation

Calsonic Kansei

Sensata Technologies

Philips

TOSHIBA Electronic Devices & Storage Corporation

Continental AG

Lear Corporation

Delta Electronics

Samlex America

Stanley Black & Decker

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 AC-DC Power Inverters product scope, market overview, market estimation caveats and base year.

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

Chapter 3, the Automotive on Board AC-DC 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 AC-DC 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 AC-DC 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 AC-DC Power Inverters.

Chapter 14 and 15, to describe Automotive on Board AC-DC Power Inverters sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope of Automotive on Board AC-DC Power Inverters

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Automotive on Board AC-DC Power Inverters Consumption Value by Type: 2019 Versus 2023 Versus 2030

1.3.2 Less than 100 W Automotive on Board AC-DC Power Inverters

1.3.3 100 W to 150 W Automotive on Board AC-DC Power Inverters

1.3.4 More than 150 W Automotive on Board AC-DC Power Inverters

1.4 Market Analysis by Application

1.4.1 Overview: Global Automotive on Board AC-DC Power Inverters Consumption Value by Application: 2019 Versus 2023 Versus 2030

1.4.2 Compact Cars

1.4.3 Mid-Size Cars

1.4.4 SUVs

1.4.5 Luxury Cars

1.4.6 LCVs

1.4.7 HCVs

1.5 Global Automotive on Board AC-DC Power Inverters Market Size & Forecast

1.5.1 Global Automotive on Board AC-DC Power Inverters Consumption Value (2019 & 2023 & 2030)

1.5.2 Global Automotive on Board AC-DC Power Inverters Sales Quantity (2019-2030)

1.5.3 Global Automotive on Board AC-DC Power Inverters Average Price (2019-2030)

2 MANUFACTURERS PROFILES

2.1 Eaton Corporation

2.1.1 Eaton Corporation Details

2.1.2 Eaton Corporation Major Business

2.1.3 Eaton Corporation Automotive on Board AC-DC Power Inverters Product and Services

2.1.4 Eaton Corporation Automotive on Board AC-DC Power Inverters Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.1.5 Eaton Corporation Recent Developments/Updates

2.2 Calsonic Kansei

2.2.1 Calsonic Kansei Details

2.2.2 Calsonic Kansei Major Business

2.2.3 Calsonic Kansei Automotive on Board AC-DC Power Inverters Product and Services

2.2.4 Calsonic Kansei Automotive on Board AC-DC Power Inverters Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.2.5 Calsonic Kansei Recent Developments/Updates

2.3 Sensata Technologies

2.3.1 Sensata Technologies Details

2.3.2 Sensata Technologies Major Business

2.3.3 Sensata Technologies Automotive on Board AC-DC Power Inverters Product and Services

2.3.4 Sensata Technologies Automotive on Board AC-DC Power Inverters Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.3.5 Sensata Technologies Recent Developments/Updates

2.4 Philips

2.4.1 Philips Details

2.4.2 Philips Major Business

2.4.3 Philips Automotive on Board AC-DC Power Inverters Product and Services

2.4.4 Philips Automotive on Board AC-DC Power Inverters Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.4.5 Philips Recent Developments/Updates

2.5 TOSHIBA Electronic Devices & Storage Corporation

2.5.1 TOSHIBA Electronic Devices & Storage Corporation Details

2.5.2 TOSHIBA Electronic Devices & Storage Corporation Major Business

2.5.3 TOSHIBA Electronic Devices & Storage Corporation Automotive on Board AC-DC Power Inverters Product and Services

2.5.4 TOSHIBA Electronic Devices & Storage Corporation Automotive on Board AC-DC Power Inverters Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.5.5 TOSHIBA Electronic Devices & Storage Corporation Recent Developments/Updates

2.6 Continental AG

2.6.1 Continental AG Details

2.6.2 Continental AG Major Business

2.6.3 Continental AG Automotive on Board AC-DC Power Inverters Product and Services

2.6.4 Continental AG Automotive on Board AC-DC Power Inverters Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.6.5 Continental AG Recent Developments/Updates

2.7 Lear Corporation

2.7.1 Lear Corporation Details

2.7.2 Lear Corporation Major Business

2.7.3 Lear Corporation Automotive on Board AC-DC Power Inverters Product and Services

2.7.4 Lear Corporation Automotive on Board AC-DC Power Inverters Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.7.5 Lear Corporation Recent Developments/Updates

2.8 Delta Electronics

2.8.1 Delta Electronics Details

2.8.2 Delta Electronics Major Business

2.8.3 Delta Electronics Automotive on Board AC-DC Power Inverters Product and Services

2.8.4 Delta Electronics Automotive on Board AC-DC Power Inverters Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.8.5 Delta Electronics Recent Developments/Updates

2.9 Samlex America

2.9.1 Samlex America Details

2.9.2 Samlex America Major Business

2.9.3 Samlex America Automotive on Board AC-DC Power Inverters Product and Services

2.9.4 Samlex America Automotive on Board AC-DC Power Inverters Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.9.5 Samlex America Recent Developments/Updates

2.10 Stanley Black & Decker

2.10.1 Stanley Black & Decker Details

2.10.2 Stanley Black & Decker Major Business

2.10.3 Stanley Black & Decker Automotive on Board AC-DC Power Inverters Product and Services

2.10.4 Stanley Black & Decker Automotive on Board AC-DC Power Inverters Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.10.5 Stanley Black & Decker Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: AUTOMOTIVE ON BOARD AC-DC POWER INVERTERS BY MANUFACTURER

3.1 Global Automotive on Board AC-DC Power Inverters Sales Quantity by Manufacturer (2019-2024)

3.2 Global Automotive on Board AC-DC Power Inverters Revenue by Manufacturer

(2019-2024)

3.3 Global Automotive on Board AC-DC Power Inverters Average Price by Manufacturer (2019-2024)

3.4 Market Share Analysis (2023)

3.4.1 Producer Shipments of Automotive on Board AC-DC Power Inverters by Manufacturer Revenue (\$MM) and Market Share (%): 2023

3.4.2 Top 3 Automotive on Board AC-DC Power Inverters Manufacturer Market Share in 2023

3.4.2 Top 6 Automotive on Board AC-DC Power Inverters Manufacturer Market Share in 2023

3.5 Automotive on Board AC-DC Power Inverters Market: Overall Company Footprint Analysis

3.5.1 Automotive on Board AC-DC Power Inverters Market: Region Footprint

3.5.2 Automotive on Board AC-DC Power Inverters Market: Company Product Type Footprint

3.5.3 Automotive on Board AC-DC Power Inverters Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Automotive on Board AC-DC Power Inverters Market Size by Region

4.1.1 Global Automotive on Board AC-DC Power Inverters Sales Quantity by Region (2019-2030)

4.1.2 Global Automotive on Board AC-DC Power Inverters Consumption Value by Region (2019-2030)

4.1.3 Global Automotive on Board AC-DC Power Inverters Average Price by Region (2019-2030)

4.2 North America Automotive on Board AC-DC Power Inverters Consumption Value (2019-2030)

4.3 Europe Automotive on Board AC-DC Power Inverters Consumption Value (2019-2030)

4.4 Asia-Pacific Automotive on Board AC-DC Power Inverters Consumption Value (2019-2030)

4.5 South America Automotive on Board AC-DC Power Inverters Consumption Value (2019-2030)

4.6 Middle East and Africa Automotive on Board AC-DC Power Inverters Consumption Value (2019-2030)

5 MARKET SEGMENT BY TYPE

5.1 Global Automotive on Board AC-DC Power Inverters Sales Quantity by Type (2019-2030)

5.2 Global Automotive on Board AC-DC Power Inverters Consumption Value by Type (2019-2030)

5.3 Global Automotive on Board AC-DC Power Inverters Average Price by Type (2019-2030)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Automotive on Board AC-DC Power Inverters Sales Quantity by Application (2019-2030)

6.2 Global Automotive on Board AC-DC Power Inverters Consumption Value by Application (2019-2030)

6.3 Global Automotive on Board AC-DC Power Inverters Average Price by Application (2019-2030)

7 NORTH AMERICA

7.1 North America Automotive on Board AC-DC Power Inverters Sales Quantity by Type (2019-2030)

7.2 North America Automotive on Board AC-DC Power Inverters Sales Quantity by Application (2019-2030)

7.3 North America Automotive on Board AC-DC Power Inverters Market Size by Country

7.3.1 North America Automotive on Board AC-DC Power Inverters Sales Quantity by Country (2019-2030)

7.3.2 North America Automotive on Board AC-DC Power Inverters Consumption Value by Country (2019-2030)

7.3.3 United States Market Size and Forecast (2019-2030)

7.3.4 Canada Market Size and Forecast (2019-2030)

7.3.5 Mexico Market Size and Forecast (2019-2030)

8 EUROPE

8.1 Europe Automotive on Board AC-DC Power Inverters Sales Quantity by Type (2019-2030)

8.2 Europe Automotive on Board AC-DC Power Inverters Sales Quantity by Application (2019-2030)

8.3 Europe Automotive on Board AC-DC Power Inverters Market Size by Country

8.3.1 Europe Automotive on Board AC-DC Power Inverters Sales Quantity by Country (2019-2030)

8.3.2 Europe Automotive on Board AC-DC Power Inverters Consumption Value by Country (2019-2030)

8.3.3 Germany Market Size and Forecast (2019-2030)

8.3.4 France Market Size and Forecast (2019-2030)

8.3.5 United Kingdom Market Size and Forecast (2019-2030)

8.3.6 Russia Market Size and Forecast (2019-2030)

8.3.7 Italy Market Size and Forecast (2019-2030)

9 ASIA-PACIFIC

9.1 Asia-Pacific Automotive on Board AC-DC Power Inverters Sales Quantity by Type (2019-2030)

9.2 Asia-Pacific Automotive on Board AC-DC Power Inverters Sales Quantity by Application (2019-2030)

9.3 Asia-Pacific Automotive on Board AC-DC Power Inverters Market Size by Region

9.3.1 Asia-Pacific Automotive on Board AC-DC Power Inverters Sales Quantity by Region (2019-2030)

9.3.2 Asia-Pacific Automotive on Board AC-DC Power Inverters Consumption Value by Region (2019-2030)

9.3.3 China Market Size and Forecast (2019-2030)

9.3.4 Japan Market Size and Forecast (2019-2030)

9.3.5 Korea Market Size and Forecast (2019-2030)

9.3.6 India Market Size and Forecast (2019-2030)

9.3.7 Southeast Asia Market Size and Forecast (2019-2030)

9.3.8 Australia Market Size and Forecast (2019-2030)

10 SOUTH AMERICA

10.1 South America Automotive on Board AC-DC Power Inverters Sales Quantity by Type (2019-2030)

10.2 South America Automotive on Board AC-DC Power Inverters Sales Quantity by Application (2019-2030)

10.3 South America Automotive on Board AC-DC Power Inverters Market Size by Country

10.3.1 South America Automotive on Board AC-DC Power Inverters Sales Quantity by Country (2019-2030)

10.3.2 South America Automotive on Board AC-DC Power Inverters Consumption Value by Country (2019-2030)

10.3.3 Brazil Market Size and Forecast (2019-2030)

10.3.4 Argentina Market Size and Forecast (2019-2030)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Automotive on Board AC-DC Power Inverters Sales Quantity by Type (2019-2030)

11.2 Middle East & Africa Automotive on Board AC-DC Power Inverters Sales Quantity by Application (2019-2030)

11.3 Middle East & Africa Automotive on Board AC-DC Power Inverters Market Size by Country

11.3.1 Middle East & Africa Automotive on Board AC-DC Power Inverters Sales Quantity by Country (2019-2030)

11.3.2 Middle East & Africa Automotive on Board AC-DC Power Inverters Consumption Value by Country (2019-2030)

11.3.3 Turkey Market Size and Forecast (2019-2030)

11.3.4 Egypt Market Size and Forecast (2019-2030)

11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)

11.3.6 South Africa Market Size and Forecast (2019-2030)

12 MARKET DYNAMICS

12.1 Automotive on Board AC-DC Power Inverters Market Drivers

12.2 Automotive on Board AC-DC Power Inverters Market Restraints

12.3 Automotive on Board AC-DC Power Inverters Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Automotive on Board AC-DC Power Inverters and Key

Manufacturers

13.2 Manufacturing Costs Percentage of Automotive on Board AC-DC Power Inverters

13.3 Automotive on Board AC-DC Power Inverters Production Process

13.4 Automotive on Board AC-DC Power Inverters Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Automotive on Board AC-DC Power Inverters Typical Distributors

14.3 Automotive on Board AC-DC Power Inverters Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

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