

Global Electric Vehicle (EV) On Board Charger Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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Abstracts

According to our (Global Info Research) latest study, the global Electric Vehicle (EV) On Board Charger market size was valued at USD 3429.9 million in 2022 and is forecast to a readjusted size of USD 15960 million by 2029 with a CAGR of 24.6% during review period.

On-board charger (OBC) is a device that convert ac power from any ac source into the practical dc form. It is usually mounted inside the vehicle and its main function is power conversion. Hence, on-board chargers provides the advantage of charging the electric vehicle using the power outlet at our homes itself. In addition, it also eliminates the need for buying any extra equipment for power conversion.

Global key players of Electric Vehicle (EV) On Board Charger include Panasonic, Tesla, BYD, VMAX and Leopold Kostal GmbH, etc. The top five players hold a share over 70%. China is the largest market, has a share about 60%. In terms of product type, 6-8 KW is the largest segment, occupied for a share of about 55%, and in terms of application, BEV has a share about 76 percent.

The Global Info Research report includes an overview of the development of the Electric Vehicle (EV) On Board Charger industry chain, the market status of BEV (6-8 KW, Below 6 KW), PHEV (6-8 KW, Below 6 KW), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Electric Vehicle (EV) On Board Charger.

Regionally, the report analyzes the Electric Vehicle (EV) On Board Charger 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 Electric Vehicle (EV) On Board Charger market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Electric Vehicle (EV) On Board Charger 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 Electric Vehicle (EV) On Board Charger 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 Unit), revenue generated, and market share of different by Type (e.g., 6-8 KW, Below 6 KW).

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 Electric Vehicle (EV) On Board Charger market.

Regional Analysis: The report involves examining the Electric Vehicle (EV) On Board Charger 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 Electric Vehicle (EV) On Board Charger market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Electric Vehicle (EV) On Board Charger:

Company Analysis: Report covers individual Electric Vehicle (EV) On Board Charger 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 Electric Vehicle (EV) On Board Charger This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (BEV, PHEV).

Technology Analysis: Report covers specific technologies relevant to Electric Vehicle (EV) On Board Charger. It assesses the current state, advancements, and potential future developments in Electric Vehicle (EV) On Board Charger areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Electric Vehicle (EV) On Board Charger 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

Electric Vehicle (EV) On Board Charger market is split by Type and by Application. For the period 2018-2029, 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

%II%6-8 KW

%II%Below 6 KW

%II%Above 8 KW

Market segment by Application

%II%BEV

%II%PHEV



Major players covered
%II%Panasonic
%II%Tesla
%II%BYD
%II%VMAX
%II%Leopold KostalbGmbH
%II%LG Magna
%II%EV-Tech
%II%Hyunda Mobis
%II%Shinry
%II%Tiecheng
%II%Enpower
%II%Toyota Industries
%II%Valeo
Market segment by region, regional analysis covers
%II%North America (United States, Canada and Mexico)
%II%Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)
%II%Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)
%II%South America (Brazil, Argentina, Colombia, and Rest of South America)



%II%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 Electric Vehicle (EV) On Board Charger product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Electric Vehicle (EV) On Board Charger, with price, sales, revenue and global market share of Electric Vehicle (EV) On Board Charger from 2018 to 2023.

Chapter 3, the Electric Vehicle (EV) On Board Charger competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Electric Vehicle (EV) On Board Charger breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

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 2022.and Electric Vehicle (EV) On Board Charger market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

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 Electric Vehicle (EV) On Board Charger.

Chapter 14 and 15, to describe Electric Vehicle (EV) On Board Charger sales channel, distributors, customers, research findings and conclusion.



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