

Global EV On-Board Chargers Market Research Report 2025(Status and Outlook)

<https://marketpublishers.com/r/G300A4F91849EN.html>

Date: March 2025

Pages: 180

Price: US\$ 3,200.00 (Single User License)

ID: G300A4F91849EN

Abstracts

Report Overview

The market for Electric Vehicle (EV) On-Board Chargers refers to the segment of the automotive industry that focuses on the development, manufacturing, and distribution of chargers that are integrated into electric vehicles to facilitate the charging process. These chargers play a crucial role in enabling EV owners to recharge their vehicles conveniently at home or at public charging stations. EV On-Board Chargers are designed to convert AC power from the grid into DC power that can be stored in the vehicle's battery. These chargers come in various power ratings and charging speeds to cater to different types of electric vehicles and consumer needs. As the demand for electric vehicles continues to rise globally due to increasing environmental concerns and government initiatives to reduce carbon emissions, the market for EV On-Board Chargers is experiencing significant growth and innovation.

The market for EV On-Board Chargers is being primarily driven by several key factors. One of the main drivers is the growing adoption of electric vehicles worldwide, fueled by advancements in battery technology, government incentives, and increasing consumer awareness of environmental issues. As more consumers make the switch to electric vehicles, the demand for efficient and fast-charging solutions like On-Board Chargers is expected to surge. Additionally, the expansion of charging infrastructure, including home charging units and public charging stations, is further propelling the market growth for EV On-Board Chargers. Moreover, technological advancements in charger design, such as bidirectional charging capabilities and smart charging features, are enhancing the overall user experience and driving market expansion. Overall, the market for EV On-Board Chargers is poised for continuous growth as the electric vehicle industry evolves and matures.

This report provides a deep insight into the global EV On-Board Chargers market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global EV On-Board Chargers Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the EV On-Board Chargers market in any manner.

Global EV On-Board Chargers Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

BYD

Nichicon

Tesla

Infineon

Panasonic

Delphi

LG

Lear

Dilong Technology

Kongsberg

Kenergy

Wanma

IES

Anghua

Lester

Tonhe Technology

Market Segmentation (by Type)

Lower than 3.0 Kilowatts

3.0 - 3.7 Kilowatts

Higher than 3.7 Kilowatts

Market Segmentation (by Application)

BEVs

PHEVs

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the EV On-Board Chargers Market

Overview of the regional outlook of the EV On-Board Chargers Market:

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your

competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the EV On-Board Chargers Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

Contents

Table of Contents

1 Research Methodology and Statistical Scope

1.1 Market Definition and Statistical Scope of EV On-Board Chargers

1.2 Key Market Segments

1.2.1 EV On-Board Chargers Segment by Type

1.2.2 EV On-Board Chargers Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

1.4 Key Data of Global Auto Market

1.4.1 Global Automobile Production by Country

1.4.2 Global Automobile Production by Type

2 EV On-Board Chargers Market Overview

2.1 Global Market Overview

2.1.1 Global EV On-Board Chargers Market Size (M USD) Estimates and Forecasts (2020-2033)

2.1.2 Global EV On-Board Chargers Sales Estimates and Forecasts (2020-2033)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

3 EV On-Board Chargers Market Competitive Landscape

3.1 Company Assessment Quadrant

3.2 Global EV On-Board Chargers Product Life Cycle

3.3 Global EV On-Board Chargers Sales by Manufacturers (2020-2025)

3.4 Global EV On-Board Chargers Revenue Market Share by Manufacturers (2020-2025)

3.5 EV On-Board Chargers Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.6 Global EV On-Board Chargers Average Price by Manufacturers (2020-2025)

3.7 Manufacturers EV On-Board Chargers Manufacturing Sites, Area Served, Product Type

3.8 EV On-Board Chargers Market Competitive Situation and Trends

3.8.1 EV On-Board Chargers Market Concentration Rate

3.8.2 Global 5 and 10 Largest EV On-Board Chargers Players Market Share by Revenue

3.8.3 Mergers & Acquisitions, Expansion

- 4 EV On-Board Chargers Industry Chain Analysis
 - 4.1 EV On-Board Chargers Industry Chain Analysis
 - 4.2 Market Overview of Key Raw Materials
 - 4.3 Midstream Market Analysis
 - 4.4 Downstream Customer Analysis
- 5 The Development and Dynamics of EV On-Board Chargers Market
 - 5.1 Key Development Trends
 - 5.2 Driving Factors
 - 5.3 Market Challenges
 - 5.4 Industry News
 - 5.4.1 New Product Developments
 - 5.4.2 Mergers & Acquisitions
 - 5.4.3 Expansions
 - 5.4.4 Collaboration/Supply Contracts
 - 5.5 PEST Analysis
 - 5.5.1 Industry Policies Analysis
 - 5.5.2 Economic Environment Analysis
 - 5.5.3 Social Environment Analysis
 - 5.5.4 Technological Environment Analysis
 - 5.6 Global EV On-Board Chargers Market Porter's Five Forces Analysis
 - 5.6.1 Global Trade Frictions
 - 5.6.2 Global Trade Frictions and Their Impacts to EV On-Board Chargers Market
 - 5.7 ESG Ratings of Leading Companies
- 6 EV On-Board Chargers Market Segmentation by Type
 - 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
 - 6.2 Global EV On-Board Chargers Sales Market Share by Type (2020-2025)
 - 6.3 Global EV On-Board Chargers Market Size Market Share by Type (2020-2025)
 - 6.4 Global EV On-Board Chargers Price by Type (2020-2025)
- 7 EV On-Board Chargers Market Segmentation by Application
 - 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
 - 7.2 Global EV On-Board Chargers Market Sales by Application (2020-2025)
 - 7.3 Global EV On-Board Chargers Market Size (M USD) by Application (2020-2025)
 - 7.4 Global EV On-Board Chargers Sales Growth Rate by Application (2020-2025)
- 8 EV On-Board Chargers Market Sales by Region
 - 8.1 Global EV On-Board Chargers Sales by Region
 - 8.1.1 Global EV On-Board Chargers Sales by Region
 - 8.1.2 Global EV On-Board Chargers Sales Market Share by Region
 - 8.2 Global EV On-Board Chargers Market Size by Region
 - 8.2.1 Global EV On-Board Chargers Market Size by Region

8.2.2 Global EV On-Board Chargers Market Size Market Share by Region

8.3 North America

8.3.1 North America EV On-Board Chargers Sales by Country

8.3.2 North America EV On-Board Chargers Market Size by Country

8.3.3 U.S. Market Overview

8.3.4 Canada Market Overview

8.3.5 Mexico Market Overview

8.4 Europe

8.4.1 Europe EV On-Board Chargers Sales by Country

8.4.2 Europe EV On-Board Chargers Market Size by Country

8.4.3 Germany Market Overview

8.4.4 France Market Overview

8.4.5 U.K. Market Overview

8.4.6 Italy Market Overview

8.4.7 Spain Market Overview

8.5 Asia Pacific

8.5.1 Asia Pacific EV On-Board Chargers Sales by Region

8.5.2 Asia Pacific EV On-Board Chargers Market Size by Region

8.5.3 China Market Overview

8.5.4 Japan Market Overview

8.5.5 South Korea Market Overview

8.5.6 India Market Overview

8.5.7 Southeast Asia Market Overview

8.6 South America

8.6.1 South America EV On-Board Chargers Sales by Country

8.6.2 South America EV On-Board Chargers Market Size by Country

8.6.3 Brazil Market Overview

8.6.4 Argentina Market Overview

8.6.5 Columbia Market Overview

8.7 Middle East and Africa

8.7.1 Middle East and Africa EV On-Board Chargers Sales by Region

8.7.2 Middle East and Africa EV On-Board Chargers Market Size by Region

8.7.3 Saudi Arabia Market Overview

8.7.4 UAE Market Overview

8.7.5 Egypt Market Overview

8.7.6 Nigeria Market Overview

8.7.7 South Africa Market Overview

9 EV On-Board Chargers Market Production by Region

9.1 Global Production of EV On-Board Chargers by Region(2020-2025)

- 9.2 Global EV On-Board Chargers Revenue Market Share by Region (2020-2025)
- 9.3 Global EV On-Board Chargers Production, Revenue, Price and Gross Margin (2020-2025)
- 9.4 North America EV On-Board Chargers Production
 - 9.4.1 North America EV On-Board Chargers Production Growth Rate (2020-2025)
 - 9.4.2 North America EV On-Board Chargers Production, Revenue, Price and Gross Margin (2020-2025)
- 9.5 Europe EV On-Board Chargers Production
 - 9.5.1 Europe EV On-Board Chargers Production Growth Rate (2020-2025)
 - 9.5.2 Europe EV On-Board Chargers Production, Revenue, Price and Gross Margin (2020-2025)
- 9.6 Japan EV On-Board Chargers Production (2020-2025)
 - 9.6.1 Japan EV On-Board Chargers Production Growth Rate (2020-2025)
 - 9.6.2 Japan EV On-Board Chargers Production, Revenue, Price and Gross Margin (2020-2025)
- 9.7 China EV On-Board Chargers Production (2020-2025)
 - 9.7.1 China EV On-Board Chargers Production Growth Rate (2020-2025)
 - 9.7.2 China EV On-Board Chargers Production, Revenue, Price and Gross Margin (2020-2025)
- 10 Key Companies Profile
 - 10.1 BYD
 - 10.1.1 BYD Basic Information
 - 10.1.2 BYD EV On-Board Chargers Product Overview
 - 10.1.3 BYD EV On-Board Chargers Product Market Performance
 - 10.1.4 BYD Business Overview
 - 10.1.5 BYD SWOT Analysis
 - 10.1.6 BYD Recent Developments
 - 10.2 Nichicon
 - 10.2.1 Nichicon Basic Information
 - 10.2.2 Nichicon EV On-Board Chargers Product Overview
 - 10.2.3 Nichicon EV On-Board Chargers Product Market Performance
 - 10.2.4 Nichicon Business Overview
 - 10.2.5 Nichicon SWOT Analysis
 - 10.2.6 Nichicon Recent Developments
 - 10.3 Tesla
 - 10.3.1 Tesla Basic Information
 - 10.3.2 Tesla EV On-Board Chargers Product Overview
 - 10.3.3 Tesla EV On-Board Chargers Product Market Performance
 - 10.3.4 Tesla Business Overview

- 10.3.5 Tesla SWOT Analysis
- 10.3.6 Tesla Recent Developments
- 10.4 Infineon
 - 10.4.1 Infineon Basic Information
 - 10.4.2 Infineon EV On-Board Chargers Product Overview
 - 10.4.3 Infineon EV On-Board Chargers Product Market Performance
 - 10.4.4 Infineon Business Overview
 - 10.4.5 Infineon Recent Developments
- 10.5 Panasonic
 - 10.5.1 Panasonic Basic Information
 - 10.5.2 Panasonic EV On-Board Chargers Product Overview
 - 10.5.3 Panasonic EV On-Board Chargers Product Market Performance
 - 10.5.4 Panasonic Business Overview
 - 10.5.5 Panasonic Recent Developments
- 10.6 Delphi
 - 10.6.1 Delphi Basic Information
 - 10.6.2 Delphi EV On-Board Chargers Product Overview
 - 10.6.3 Delphi EV On-Board Chargers Product Market Performance
 - 10.6.4 Delphi Business Overview
 - 10.6.5 Delphi Recent Developments
- 10.7 LG
 - 10.7.1 LG Basic Information
 - 10.7.2 LG EV On-Board Chargers Product Overview
 - 10.7.3 LG EV On-Board Chargers Product Market Performance
 - 10.7.4 LG Business Overview
 - 10.7.5 LG Recent Developments
- 10.8 Lear
 - 10.8.1 Lear Basic Information
 - 10.8.2 Lear EV On-Board Chargers Product Overview
 - 10.8.3 Lear EV On-Board Chargers Product Market Performance
 - 10.8.4 Lear Business Overview
 - 10.8.5 Lear Recent Developments
- 10.9 Dilong Technology
 - 10.9.1 Dilong Technology Basic Information
 - 10.9.2 Dilong Technology EV On-Board Chargers Product Overview
 - 10.9.3 Dilong Technology EV On-Board Chargers Product Market Performance
 - 10.9.4 Dilong Technology Business Overview
 - 10.9.5 Dilong Technology Recent Developments
- 10.10 Kongsberg

- 10.10.1 Kongsberg Basic Information
- 10.10.2 Kongsberg EV On-Board Chargers Product Overview
- 10.10.3 Kongsberg EV On-Board Chargers Product Market Performance
- 10.10.4 Kongsberg Business Overview
- 10.10.5 Kongsberg Recent Developments
- 10.11 Kenergy
 - 10.11.1 Kenergy Basic Information
 - 10.11.2 Kenergy EV On-Board Chargers Product Overview
 - 10.11.3 Kenergy EV On-Board Chargers Product Market Performance
 - 10.11.4 Kenergy Business Overview
 - 10.11.5 Kenergy Recent Developments
- 10.12 Wanma
 - 10.12.1 Wanma Basic Information
 - 10.12.2 Wanma EV On-Board Chargers Product Overview
 - 10.12.3 Wanma EV On-Board Chargers Product Market Performance
 - 10.12.4 Wanma Business Overview
 - 10.12.5 Wanma Recent Developments
- 10.13 IES
 - 10.13.1 IES Basic Information
 - 10.13.2 IES EV On-Board Chargers Product Overview
 - 10.13.3 IES EV On-Board Chargers Product Market Performance
 - 10.13.4 IES Business Overview
 - 10.13.5 IES Recent Developments
- 10.14 Anghua
 - 10.14.1 Anghua Basic Information
 - 10.14.2 Anghua EV On-Board Chargers Product Overview
 - 10.14.3 Anghua EV On-Board Chargers Product Market Performance
 - 10.14.4 Anghua Business Overview
 - 10.14.5 Anghua Recent Developments
- 10.15 Lester
 - 10.15.1 Lester Basic Information
 - 10.15.2 Lester EV On-Board Chargers Product Overview
 - 10.15.3 Lester EV On-Board Chargers Product Market Performance
 - 10.15.4 Lester Business Overview
 - 10.15.5 Lester Recent Developments
- 10.16 Tonhe Technology
 - 10.16.1 Tonhe Technology Basic Information
 - 10.16.2 Tonhe Technology EV On-Board Chargers Product Overview
 - 10.16.3 Tonhe Technology EV On-Board Chargers Product Market Performance

10.16.4 Tonhe Technology Business Overview	
10.16.5 Tonhe Technology Recent Developments	
11 EV On-Board Chargers Market Forecast by Region	
11.1 Global EV On-Board Chargers Market Size Forecast	
11.2 Global EV On-Board Chargers Market Forecast by Region	
11.2.1 North America Market Size Forecast by Country	
11.2.2 Europe EV On-Board Chargers Market Size Forecast by Country	
11.2.3 Asia Pacific EV On-Board Chargers Market Size Forecast by Region	
11.2.4 South America EV On-Board Chargers Market Size Forecast by Country	
11.2.5 Middle East and Africa Forecasted Sales of EV On-Board Chargers by Country	
12 Forecast Market by Type and by Application (2026-2033)	
12.1 Global EV On-Board Chargers Market Forecast by Type (2026-2033)	
12.1.1 Global Forecasted Sales of EV On-Board Chargers by Type (2026-2033)	
12.1.2 Global EV On-Board Chargers Market Size Forecast by Type (2026-2033)	
12.1.3 Global Forecasted Price of EV On-Board Chargers by Type (2026-2033)	
12.2 Global EV On-Board Chargers Market Forecast by Application (2026-2033)	
12.2.1 Global EV On-Board Chargers Sales (K Units) Forecast by Application	
12.2.2 Global EV On-Board Chargers Market Size (M USD) Forecast by Application (2026-2033)	
13 Conclusion and Key Findings	
List of Tables	
Table 1. Introduction of the Type	
Table 2. Introduction of the Application	
Table 3. Motor Vehicle Production Market Share by Type (2023)	
Table 4. Global Automobile Production by Region (Units)	
Table 5. Market Share and Development Potential of Automobiles by Region	
Table 6. Global Automobile Production by Country (Vehicle)	
Table 7. Market Share and Development Potential of Automobiles by Countries	
Table 8. Global Automobile Production by Type	
Table 9. Market Share and Development Potential of Automobiles by Type	
Table 10. Market Size (M USD) Segment Executive Summary	
Table 11. EV On-Board Chargers Market Size Comparison by Region (M USD)	
Table 12. Global EV On-Board Chargers Sales (K Units) by Manufacturers (2020-2025)	
Table 13. Global EV On-Board Chargers Sales Market Share by Manufacturers (2020-2025)	
Table 14. Global EV On-Board Chargers Revenue (M USD) by Manufacturers (2020-2025)	
Table 15. Global EV On-Board Chargers Revenue Share by Manufacturers (2020-2025)	
Table 16. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in EV On-Board Chargers as of 2024)	

Table 17. Global Market EV On-Board Chargers Average Price (USD/Unit) of Key Manufacturers (2020-2025)

Table 18. Manufacturers EV On-Board Chargers Manufacturing Sites and Area Served

Table 19. Manufacturers EV On-Board Chargers Product Type

Table 20. Global EV On-Board Chargers Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 21. Mergers & Acquisitions, Expansion Plans

Table 22. Market Overview of Key Raw Materials

Table 23. Midstream Market Analysis

Table 24. Downstream Customer Analysis

Table 25. Key Development Trends

Table 26. Driving Factors

Table 27. EV On-Board Chargers Market Challenges

Table 28. Goldman Sachs' forecast real GDP growth rate for 2024-2026

Table 29. S&P Global ' Forecast Real GDP Growth Rate For 2024-2027

Table 30. World Bank ' Forecast Real GDP Growth Rate For 2024-2026

Table 31. Global EV On-Board Chargers Sales by Type (K Units)

Table 32. Global EV On-Board Chargers Market Size by Type (M USD)

Table 33. Global EV On-Board Chargers Sales (K Units) by Type (2020-2025)

Table 34. Global EV On-Board Chargers Sales Market Share by Type (2020-2025)

Table 35. Global EV On-Board Chargers Market Size (M USD) by Type (2020-2025)

Table 36. Global EV On-Board Chargers Market Size Share by Type (2020-2025)

Table 37. Global EV On-Board Chargers Price (USD/Unit) by Type (2020-2025)

Table 38. Global EV On-Board Chargers Sales (K Units) by Application

Table 39. Global EV On-Board Chargers Market Size by Application

Table 40. Global EV On-Board Chargers Sales by Application (2020-2025) & (K Units)

Table 41. Global EV On-Board Chargers Sales Market Share by Application (2020-2025)

Table 42. Global EV On-Board Chargers Market Size by Application (2020-2025) & (M USD)

Table 43. Global EV On-Board Chargers Market Share by Application (2020-2025)

Table 44. Global EV On-Board Chargers Sales Growth Rate by Application (2020-2025)

Table 45. Global EV On-Board Chargers Sales by Region (2020-2025) & (K Units)

Table 46. Global EV On-Board Chargers Sales Market Share by Region (2020-2025)

Table 47. Global EV On-Board Chargers Market Size by Region (2020-2025) & (M USD)

Table 48. Global EV On-Board Chargers Market Size Market Share by Region (2020-2025)

Table 49. North America EV On-Board Chargers Sales by Country (2020-2025) & (K

Units)

Table 50. North America EV On-Board Chargers Market Size by Country (2020-2025) & (M USD)

Table 51. Europe EV On-Board Chargers Sales by Country (2020-2025) & (K Units)

Table 52. Europe EV On-Board Chargers Market Size by Country (2020-2025) & (M USD)

Table 53. Asia Pacific EV On-Board Chargers Sales by Region (2020-2025) & (K Units)

Table 54. Asia Pacific EV On-Board Chargers Market Size by Region (2020-2025) & (M USD)

Table 55. South America EV On-Board Chargers Sales by Country (2020-2025) & (K Units)

Table 56. South America EV On-Board Chargers Market Size by Country (2020-2025) & (M USD)

Table 57. Middle East and Africa EV On-Board Chargers Sales by Region (2020-2025) & (K Units)

Table 58. Middle East and Africa EV On-Board Chargers Market Size by Region (2020-2025) & (M USD)

Table 59. Global EV On-Board Chargers Production (K Units) by Region(2020-2025)

Table 60. Global EV On-Board Chargers Revenue (US\$ Million) by Region (2020-2025)

Table 61. Global EV On-Board Chargers Revenue Market Share by Region (2020-2025)

Table 62. Global EV On-Board Chargers Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 63. North America EV On-Board Chargers Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 64. Europe EV On-Board Chargers Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 65. Japan EV On-Board Chargers Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 66. China EV On-Board Chargers Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 67. BYD Basic Information

Table 68. BYD EV On-Board Chargers Product Overview

Table 69. BYD EV On-Board Chargers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 70. BYD Business Overview

Table 71. BYD SWOT Analysis

Table 72. BYD Recent Developments

Table 73. Nichicon Basic Information

Table 74. Nichicon EV On-Board Chargers Product Overview
Table 75. Nichicon EV On-Board Chargers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 76. Nichicon Business Overview
Table 77. Nichicon SWOT Analysis
Table 78. Nichicon Recent Developments
Table 79. Tesla Basic Information
Table 80. Tesla EV On-Board Chargers Product Overview
Table 81. Tesla EV On-Board Chargers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 82. Tesla Business Overview
Table 83. Tesla SWOT Analysis
Table 84. Tesla Recent Developments
Table 85. Infineon Basic Information
Table 86. Infineon EV On-Board Chargers Product Overview
Table 87. Infineon EV On-Board Chargers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 88. Infineon Business Overview
Table 89. Infineon Recent Developments
Table 90. Panasonic Basic Information
Table 91. Panasonic EV On-Board Chargers Product Overview
Table 92. Panasonic EV On-Board Chargers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 93. Panasonic Business Overview
Table 94. Panasonic Recent Developments
Table 95. Delphi Basic Information
Table 96. Delphi EV On-Board Chargers Product Overview
Table 97. Delphi EV On-Board Chargers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 98. Delphi Business Overview
Table 99. Delphi Recent Developments
Table 100. LG Basic Information
Table 101. LG EV On-Board Chargers Product Overview
Table 102. LG EV On-Board Chargers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 103. LG Business Overview
Table 104. LG Recent Developments
Table 105. Lear Basic Information
Table 106. Lear EV On-Board Chargers Product Overview

Table 107. Lear EV On-Board Chargers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 108. Lear Business Overview

Table 109. Lear Recent Developments

Table 110. Dilong Technology Basic Information

Table 111. Dilong Technology EV On-Board Chargers Product Overview

Table 112. Dilong Technology EV On-Board Chargers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 113. Dilong Technology Business Overview

Table 114. Dilong Technology Recent Developments

Table 115. Kongsberg Basic Information

Table 116. Kongsberg EV On-Board Chargers Product Overview

Table 117. Kongsberg EV On-Board Chargers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 118. Kongsberg Business Overview

Table 119. Kongsberg Recent Developments

Table 120. Kenergy Basic Information

Table 121. Kenergy EV On-Board Chargers Product Overview

Table 122. Kenergy EV On-Board Chargers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 123. Kenergy Business Overview

Table 124. Kenergy Recent Developments

Table 125. Wanma Basic Information

Table 126. Wanma EV On-Board Chargers Product Overview

Table 127. Wanma EV On-Board Chargers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 128. Wanma Business Overview

Table 129. Wanma Recent Developments

Table 130. IES Basic Information

Table 131. IES EV On-Board Chargers Product Overview

Table 132. IES EV On-Board Chargers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 133. IES Business Overview

Table 134. IES Recent Developments

Table 135. Anghua Basic Information

Table 136. Anghua EV On-Board Chargers Product Overview

Table 137. Anghua EV On-Board Chargers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 138. Anghua Business Overview

Table 139. Anghua Recent Developments
Table 140. Lester Basic Information
Table 141. Lester EV On-Board Chargers Product Overview
Table 142. Lester EV On-Board Chargers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 143. Lester Business Overview
Table 144. Lester Recent Developments
Table 145. Tonhe Technology Basic Information
Table 146. Tonhe Technology EV On-Board Chargers Product Overview
Table 147. Tonhe Technology EV On-Board Chargers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 148. Tonhe Technology Business Overview
Table 149. Tonhe Technology Recent Developments
Table 150. Global EV On-Board Chargers Sales Forecast by Region (2026-2033) & (K Units)
Table 151. Global EV On-Board Chargers Market Size Forecast by Region (2026-2033) & (M USD)
Table 152. North America EV On-Board Chargers Sales Forecast by Country (2026-2033) & (K Units)
Table 153. North America EV On-Board Chargers Market Size Forecast by Country (2026-2033) & (M USD)
Table 154. Europe EV On-Board Chargers Sales Forecast by Country (2026-2033) & (K Units)
Table 155. Europe EV On-Board Chargers Market Size Forecast by Country (2026-2033) & (M USD)
Table 156. Asia Pacific EV On-Board Chargers Sales Forecast by Region (2026-2033) & (K Units)
Table 157. Asia Pacific EV On-Board Chargers Market Size Forecast by Region (2026-2033) & (M USD)
Table 158. South America EV On-Board Chargers Sales Forecast by Country (2026-2033) & (K Units)
Table 159. South America EV On-Board Chargers Market Size Forecast by Country (2026-2033) & (M USD)
Table 160. Middle East and Africa EV On-Board Chargers Sales Forecast by Country (2026-2033) & (Units)
Table 161. Middle East and Africa EV On-Board Chargers Market Size Forecast by Country (2026-2033) & (M USD)
Table 162. Global EV On-Board Chargers Sales Forecast by Type (2026-2033) & (K Units)

Table 163. Global EV On-Board Chargers Market Size Forecast by Type (2026-2033) & (M USD)

Table 164. Global EV On-Board Chargers Price Forecast by Type (2026-2033) & (USD/Unit)

Table 165. Global EV On-Board Chargers Sales (K Units) Forecast by Application (2026-2033)

Table 166. Global EV On-Board Chargers Market Size Forecast by Application (2026-2033) & (M USD)

List of Figures

Figure 1. Product Picture of EV On-Board Chargers

Figure 2. Data Triangulation

Figure 3. Key Caveats

Figure 4. Global Motor Vehicle Production (M Units)

Figure 5. Global EV On-Board Chargers Market Size (M USD), 2024-2033

Figure 6. Global EV On-Board Chargers Market Size (M USD) (2020-2033)

Figure 7. Global EV On-Board Chargers Sales (K Units) & (2020-2033)

Figure 8. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 9. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 10. Evaluation Matrix of Regional Market Development Potential

Figure 11. EV On-Board Chargers Market Size by Country (M USD)

Figure 12. Company Assessment Quadrant

Figure 13. Global EV On-Board Chargers Product Life Cycle

Figure 14. EV On-Board Chargers Sales Share by Manufacturers in 2024

Figure 15. Global EV On-Board Chargers Revenue Share by Manufacturers in 2024

Figure 16. EV On-Board Chargers Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2024

Figure 17. Global Market EV On-Board Chargers Average Price (USD/Unit) of Key Manufacturers in 2024

Figure 18. The Global 5 and 10 Largest Players: Market Share by EV On-Board Chargers Revenue in 2024

Figure 19. Industry Chain Map of EV On-Board Chargers

Figure 20. Global EV On-Board Chargers Market PEST Analysis

Figure 21. Global EV On-Board Chargers Market Porter's Five Forces Analysis

Figure 22. Global Merchandise Trade as a Percentage Of GDP

Figure 23. US - Imports of Goods by Country

Figure 24. China Exports by Country

Figure 25. ESG Rating Distribution of The Leading Company Compared With Its Peers

Figure 26. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 27. Global EV On-Board Chargers Market Share by Type

- Figure 28. Sales Market Share of EV On-Board Chargers by Type (2020-2025)
- Figure 29. Sales Market Share of EV On-Board Chargers by Type in 2024
- Figure 30. Market Size Share of EV On-Board Chargers by Type (2020-2025)
- Figure 31. Market Size Share of EV On-Board Chargers by Type in 2024
- Figure 32. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 33. Global EV On-Board Chargers Market Share by Application
- Figure 34. Global EV On-Board Chargers Sales Market Share by Application (2020-2025)
- Figure 35. Global EV On-Board Chargers Sales Market Share by Application in 2024
- Figure 36. Global EV On-Board Chargers Market Share by Application (2020-2025)
- Figure 37. Global EV On-Board Chargers Market Share by Application in 2024
- Figure 38. Global EV On-Board Chargers Sales Growth Rate by Application (2020-2025)
- Figure 39. Global EV On-Board Chargers Sales Market Share by Region (2020-2025)
- Figure 40. Global EV On-Board Chargers Market Size Market Share by Region (2020-2025)
- Figure 41. North America EV On-Board Chargers Sales and Growth Rate (2020-2025) & (K Units)
- Figure 42. North America EV On-Board Chargers Sales and Growth Rate (2020-2025) & (K Units)
- Figure 43. North America EV On-Board Chargers Sales Market Share by Country in 2024
- Figure 44. North America EV On-Board Chargers Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 45. North America EV On-Board Chargers Market Size Market Share by Country in 2024
- Figure 46. U.S. EV On-Board Chargers Sales and Growth Rate (2020-2025) & (K Units)
- Figure 47. U.S. EV On-Board Chargers Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 48. Canada EV On-Board Chargers Sales (K Units) and Growth Rate (2020-2025)
- Figure 49. Canada EV On-Board Chargers Market Size (M USD) and Growth Rate (2020-2025)
- Figure 50. Mexico EV On-Board Chargers Sales (Units) and Growth Rate (2020-2025)
- Figure 51. Mexico EV On-Board Chargers Market Size (Units) and Growth Rate (2020-2025)
- Figure 52. Europe EV On-Board Chargers Sales and Growth Rate (2020-2025) & (K Units)
- Figure 53. Europe EV On-Board Chargers Sales Market Share by Country in 2024

Figure 54. Europe EV On-Board Chargers Market Size and Growth Rate (2020-2025) & (M USD)

Figure 55. Europe EV On-Board Chargers Market Size Market Share by Country in 2024

Figure 56. Germany EV On-Board Chargers Sales and Growth Rate (2020-2025) & (K Units)

Figure 57. Germany EV On-Board Chargers Market Size and Growth Rate (2020-2025) & (M USD)

Figure 58. France EV On-Board Chargers Sales and Growth Rate (2020-2025) & (K Units)

Figure 59. France EV On-Board Chargers Market Size and Growth Rate (2020-2025) & (M USD)

Figure 60. U.K. EV On-Board Chargers Sales and Growth Rate (2020-2025) & (K Units)

Figure 61. U.K. EV On-Board Chargers Market Size and Growth Rate (2020-2025) & (M USD)

Figure 62. Italy EV On-Board Chargers Sales and Growth Rate (2020-2025) & (K Units)

Figure 63. Italy EV On-Board Chargers Market Size and Growth Rate (2020-2025) & (M USD)

Figure 64. Spain EV On-Board Chargers Sales and Growth Rate (2020-2025) & (K Units)

Figure 65. Spain EV On-Board Chargers Market Size and Growth Rate (2020-2025) & (M USD)

Figure 66. Asia Pacific EV On-Board Chargers Sales and Growth Rate (K Units)

Figure 67. Asia Pacific EV On-Board Chargers Sales Market Share by Region in 2024

Figure 68. Asia Pacific EV On-Board Chargers Market Size Market Share by Region in 2024

Figure 69. China EV On-Board Chargers Sales and Growth Rate (2020-2025) & (K Units)

Figure 70. China EV On-Board Chargers Market Size and Growth Rate (2020-2025) & (M USD)

Figure 71. Japan EV On-Board Chargers Sales and Growth Rate (2020-2025) & (K Units)

Figure 72. Japan EV On-Board Chargers Market Size and Growth Rate (2020-2025) & (M USD)

Figure 73. South Korea EV On-Board Chargers Sales and Growth Rate (2020-2025) & (K Units)

Figure 74. South Korea EV On-Board Chargers Market Size and Growth Rate (2020-2025) & (M USD)

Figure 75. India EV On-Board Chargers Sales and Growth Rate (2020-2025) & (K

Units)

Figure 76. India EV On-Board Chargers Market Size and Growth Rate (2020-2025) & (M USD)

Figure 77. Southeast Asia EV On-Board Chargers Sales and Growth Rate (2020-2025) & (K Units)

Figure 78. Southeast Asia EV On-Board Chargers Market Size and Growth Rate (2020-2025) & (M USD)

Figure 79. South America EV On-Board Chargers Sales and Growth Rate (K Units)

Figure 80. South America EV On-Board Chargers Sales Market Share by Country in 2024

Figure 81. South America EV On-Board Chargers Market Size and Growth Rate (M USD)

Figure 82. South America EV On-Board Chargers Market Size Market Share by Country in 2024

Figure 83. Brazil EV On-Board Chargers Sales and Growth Rate (2020-2025) & (K Units)

Figure 84. Brazil EV On-Board Chargers Market Size and Growth Rate (2020-2025) & (M USD)

Figure 85. Argentina EV On-Board Chargers Sales and Growth Rate (2020-2025) & (K Units)

Figure 86. Argentina EV On-Board Chargers Market Size and Growth Rate (2020-2025) & (M USD)

Figure 87. Columbia EV On-Board Chargers Sales and Growth Rate (2020-2025) & (K Units)

Figure 88. Columbia EV On-Board Chargers Market Size and Growth Rate (2020-2025) & (M USD)

Figure 89. Middle East and Africa EV On-Board Chargers Sales and Growth Rate (K Units)

Figure 90. Middle East and Africa EV On-Board Chargers Sales Market Share by Region in 2024

Figure 91. Middle East and Africa EV On-Board Chargers Market Size and Growth Rate (M USD)

Figure 92. Middle East and Africa EV On-Board Chargers Market Size Market Share by Region in 2024

Figure 93. Saudi Arabia EV On-Board Chargers Sales and Growth Rate (2020-2025) & (K Units)

Figure 94. Saudi Arabia EV On-Board Chargers Market Size and Growth Rate (2020-2025) & (M USD)

Figure 95. UAE EV On-Board Chargers Sales and Growth Rate (2020-2025) & (K Units)

Figure 96. UAE EV On-Board Chargers Market Size and Growth Rate (2020-2025) & (M USD)

Figure 97. Egypt EV On-Board Chargers Sales and Growth Rate (2020-2025) & (K Units)

Figure 98. Egypt EV On-Board Chargers Market Size and Growth Rate (2020-2025) & (M USD)

Figure 99. Nigeria EV On-Board Chargers Sales and Growth Rate (2020-2025) & (K Units)

Figure 100. Nigeria EV On-Board Chargers Market Size and Growth Rate (2020-2025) & (M USD)

Figure 101. South Africa EV On-Board Chargers Sales and Growth Rate (2020-2025) & (K Units)

Figure 102. South Africa EV On-Board Chargers Market Size and Growth Rate (2020-2025) & (M USD)

Figure 103. Global EV On-Board Chargers Production Market Share by Region (2020-2025)

Figure 104. North America EV On-Board Chargers Production (K Units) Growth Rate (2020-2025)

Figure 105. Europe EV On-Board Chargers Production (K Units) Growth Rate (2020-2025)

Figure 106. Japan EV On-Board Chargers Production (K Units) Growth Rate (2020-2025)

Figure 107. China EV On-Board Chargers Production (K Units) Growth Rate (2020-2025)

Figure 108. Global EV On-Board Chargers Sales Forecast by Volume (2020-2033) & (K Units)

Figure 109. Global EV On-Board Chargers Market Size Forecast by Value (2020-2033) & (M USD)

Figure 110. Global EV On-Board Chargers Sales Market Share Forecast by Type (2026-2033)

Figure 111. Global EV On-Board Chargers Market Share Forecast by Type (2026-2033)

Figure 112. Global EV On-Board Chargers Sales Forecast by Application (2026-2033)

Figure 113. Global EV On-Board Chargers Market Share Forecast by Application (2026-2033)

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