

# Global On-Board Charging System Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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## Abstracts

According to our (Global Info Research) latest study, the global On-Board Charging System market size was valued at US\$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

The on-board charging system, also known as the vehicle charging system, is an essential component of electric vehicles (EVs) that allows them to recharge their batteries. It consists of various components and technologies that enable the transfer of electrical energy from an external power source to the vehicle's battery pack. The on-board charging system can support different charging modes, such as alternating current (AC) charging and direct current (DC) fast charging. AC charging is typically used for slower charging at home or public charging stations, while DC fast charging allows for rapid charging at high-power charging stations.

This report is a detailed and comprehensive analysis for global On-Board Charging System market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

### Key Features:

Global On-Board Charging System market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global On-Board Charging System market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global On-Board Charging System market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global On-Board Charging System market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for On-Board Charging System

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global On-Board Charging System market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Bel Power solution, BRUSA ElektronikAG, Current Ways Inc, Delphi Technologies, Eaton Corporation, Infineon Technologies AG, STMicroelectronics, Stercom Power Solutions GmbH, Toyota Industries Corporation, Xepics Italia SRL, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## Market Segmentation

On-Board Charging System market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

## Market segment by Type

Power Below 20kw

Power Above 20kw

## Market segment by Application

Passenger Cars

Commercial Vehicles

## Major players covered

Bel Power solution

BRUSA ElektronikAG

Current Ways Inc

Delphi Technologies

Eaton Corporation

Infineon Technologies AG

STMicroelectronics

Stercom Power Solutions GmbH

Toyota Industries Corporation

Xepics Italia SRL

VICOR

Inventus Power

ADI

Skyworks

Electra EV

innoelectric AG

Bourns

Zhejiang EV-Tech

Jiangsu Yinhe Electronics

Shenyang Huamai Electronic Technology

Shijiazhuang Tonhe Electronics Technologies

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 On-Board Charging System product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of On-Board Charging System, with price, sales quantity, revenue, and global market share of On-Board Charging System from 2020 to 2025.

Chapter 3, the On-Board Charging System competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the On-Board Charging System breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

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 2020 to 2025. and On-Board Charging System market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 On-Board Charging System.

Chapter 14 and 15, to describe On-Board Charging System sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Overview and Scope
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
  - 1.3.1 Overview: Global On-Board Charging System Consumption Value by Type: 2020 Versus 2024 Versus 2031
  - 1.3.2 Power Below 20kw
  - 1.3.3 Power Above 20kw
- 1.4 Market Analysis by Application
  - 1.4.1 Overview: Global On-Board Charging System Consumption Value by Application: 2020 Versus 2024 Versus 2031
  - 1.4.2 Passenger Cars
  - 1.4.3 Commercial Vehicles
- 1.5 Global On-Board Charging System Market Size & Forecast
  - 1.5.1 Global On-Board Charging System Consumption Value (2020 & 2024 & 2031)
  - 1.5.2 Global On-Board Charging System Sales Quantity (2020-2031)
  - 1.5.3 Global On-Board Charging System Average Price (2020-2031)

### 2 MANUFACTURERS PROFILES

- 2.1 Bel Power solution
  - 2.1.1 Bel Power solution Details
  - 2.1.2 Bel Power solution Major Business
  - 2.1.3 Bel Power solution On-Board Charging System Product and Services
  - 2.1.4 Bel Power solution On-Board Charging System Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.1.5 Bel Power solution Recent Developments/Updates
- 2.2 BRUSA ElektronikAG
  - 2.2.1 BRUSA ElektronikAG Details
  - 2.2.2 BRUSA ElektronikAG Major Business
  - 2.2.3 BRUSA ElektronikAG On-Board Charging System Product and Services
  - 2.2.4 BRUSA ElektronikAG On-Board Charging System Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.2.5 BRUSA ElektronikAG Recent Developments/Updates
- 2.3 Current Ways Inc
  - 2.3.1 Current Ways Inc Details

- 2.3.2 Current Ways Inc Major Business
- 2.3.3 Current Ways Inc On-Board Charging System Product and Services
- 2.3.4 Current Ways Inc On-Board Charging System Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.3.5 Current Ways Inc Recent Developments/Updates
- 2.4 Delphi Technologies
  - 2.4.1 Delphi Technologies Details
  - 2.4.2 Delphi Technologies Major Business
  - 2.4.3 Delphi Technologies On-Board Charging System Product and Services
  - 2.4.4 Delphi Technologies On-Board Charging System Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.4.5 Delphi Technologies Recent Developments/Updates
- 2.5 Eaton Corporation
  - 2.5.1 Eaton Corporation Details
  - 2.5.2 Eaton Corporation Major Business
  - 2.5.3 Eaton Corporation On-Board Charging System Product and Services
  - 2.5.4 Eaton Corporation On-Board Charging System Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.5.5 Eaton Corporation Recent Developments/Updates
- 2.6 Infineon Technologies AG
  - 2.6.1 Infineon Technologies AG Details
  - 2.6.2 Infineon Technologies AG Major Business
  - 2.6.3 Infineon Technologies AG On-Board Charging System Product and Services
  - 2.6.4 Infineon Technologies AG On-Board Charging System Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.6.5 Infineon Technologies AG Recent Developments/Updates
- 2.7 STMicroelectronics
  - 2.7.1 STMicroelectronics Details
  - 2.7.2 STMicroelectronics Major Business
  - 2.7.3 STMicroelectronics On-Board Charging System Product and Services
  - 2.7.4 STMicroelectronics On-Board Charging System Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.7.5 STMicroelectronics Recent Developments/Updates
- 2.8 Stercom Power Solutions GmbH
  - 2.8.1 Stercom Power Solutions GmbH Details
  - 2.8.2 Stercom Power Solutions GmbH Major Business
  - 2.8.3 Stercom Power Solutions GmbH On-Board Charging System Product and Services
  - 2.8.4 Stercom Power Solutions GmbH On-Board Charging System Sales Quantity,



Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.8.5 Stercom Power Solutions GmbH Recent Developments/Updates

2.9 Toyota Industries Corporation

2.9.1 Toyota Industries Corporation Details

2.9.2 Toyota Industries Corporation Major Business

2.9.3 Toyota Industries Corporation On-Board Charging System Product and Services

2.9.4 Toyota Industries Corporation On-Board Charging System Sales Quantity,  
Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.9.5 Toyota Industries Corporation Recent Developments/Updates

2.10 Xepics Italia SRL

2.10.1 Xepics Italia SRL Details

2.10.2 Xepics Italia SRL Major Business

2.10.3 Xepics Italia SRL On-Board Charging System Product and Services

2.10.4 Xepics Italia SRL On-Board Charging System Sales Quantity, Average Price,  
Revenue, Gross Margin and Market Share (2020-2025)

2.10.5 Xepics Italia SRL Recent Developments/Updates

2.11 VICOR

2.11.1 VICOR Details

2.11.2 VICOR Major Business

2.11.3 VICOR On-Board Charging System Product and Services

2.11.4 VICOR On-Board Charging System Sales Quantity, Average Price, Revenue,  
Gross Margin and Market Share (2020-2025)

2.11.5 VICOR Recent Developments/Updates

2.12 Inventus Power

2.12.1 Inventus Power Details

2.12.2 Inventus Power Major Business

2.12.3 Inventus Power On-Board Charging System Product and Services

2.12.4 Inventus Power On-Board Charging System Sales Quantity, Average Price,  
Revenue, Gross Margin and Market Share (2020-2025)

2.12.5 Inventus Power Recent Developments/Updates

2.13 ADI

2.13.1 ADI Details

2.13.2 ADI Major Business

2.13.3 ADI On-Board Charging System Product and Services

2.13.4 ADI On-Board Charging System Sales Quantity, Average Price, Revenue,  
Gross Margin and Market Share (2020-2025)

2.13.5 ADI Recent Developments/Updates

2.14 Skyworks

2.14.1 Skyworks Details



- 2.14.2 Skyworks Major Business
- 2.14.3 Skyworks On-Board Charging System Product and Services
- 2.14.4 Skyworks On-Board Charging System Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.14.5 Skyworks Recent Developments/Updates
- 2.15 Electra EV
  - 2.15.1 Electra EV Details
  - 2.15.2 Electra EV Major Business
  - 2.15.3 Electra EV On-Board Charging System Product and Services
  - 2.15.4 Electra EV On-Board Charging System Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.15.5 Electra EV Recent Developments/Updates
- 2.16 innoelectric AG
  - 2.16.1 innoelectric AG Details
  - 2.16.2 innoelectric AG Major Business
  - 2.16.3 innoelectric AG On-Board Charging System Product and Services
  - 2.16.4 innoelectric AG On-Board Charging System Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.16.5 innoelectric AG Recent Developments/Updates
- 2.17 Bourns
  - 2.17.1 Bourns Details
  - 2.17.2 Bourns Major Business
  - 2.17.3 Bourns On-Board Charging System Product and Services
  - 2.17.4 Bourns On-Board Charging System Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.17.5 Bourns Recent Developments/Updates
- 2.18 Zhejiang EV-Tech
  - 2.18.1 Zhejiang EV-Tech Details
  - 2.18.2 Zhejiang EV-Tech Major Business
  - 2.18.3 Zhejiang EV-Tech On-Board Charging System Product and Services
  - 2.18.4 Zhejiang EV-Tech On-Board Charging System Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.18.5 Zhejiang EV-Tech Recent Developments/Updates
- 2.19 Jiangsu Yinhe Electronics
  - 2.19.1 Jiangsu Yinhe Electronics Details
  - 2.19.2 Jiangsu Yinhe Electronics Major Business
  - 2.19.3 Jiangsu Yinhe Electronics On-Board Charging System Product and Services
  - 2.19.4 Jiangsu Yinhe Electronics On-Board Charging System Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

- 2.19.5 Jiangsu Yinhe Electronics Recent Developments/Updates
- 2.20 Shenyang Huamai Electronic Technology
  - 2.20.1 Shenyang Huamai Electronic Technology Details
  - 2.20.2 Shenyang Huamai Electronic Technology Major Business
  - 2.20.3 Shenyang Huamai Electronic Technology On-Board Charging System Product and Services
  - 2.20.4 Shenyang Huamai Electronic Technology On-Board Charging System Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.20.5 Shenyang Huamai Electronic Technology Recent Developments/Updates
- 2.21 Shijiazhuang Tonhe Electronics Technologies
  - 2.21.1 Shijiazhuang Tonhe Electronics Technologies Details
  - 2.21.2 Shijiazhuang Tonhe Electronics Technologies Major Business
  - 2.21.3 Shijiazhuang Tonhe Electronics Technologies On-Board Charging System Product and Services
  - 2.21.4 Shijiazhuang Tonhe Electronics Technologies On-Board Charging System Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.21.5 Shijiazhuang Tonhe Electronics Technologies Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: ON-BOARD CHARGING SYSTEM BY MANUFACTURER**

- 3.1 Global On-Board Charging System Sales Quantity by Manufacturer (2020-2025)
- 3.2 Global On-Board Charging System Revenue by Manufacturer (2020-2025)
- 3.3 Global On-Board Charging System Average Price by Manufacturer (2020-2025)
- 3.4 Market Share Analysis (2024)
  - 3.4.1 Producer Shipments of On-Board Charging System by Manufacturer Revenue (\$MM) and Market Share (%): 2024
  - 3.4.2 Top 3 On-Board Charging System Manufacturer Market Share in 2024
  - 3.4.3 Top 6 On-Board Charging System Manufacturer Market Share in 2024
- 3.5 On-Board Charging System Market: Overall Company Footprint Analysis
  - 3.5.1 On-Board Charging System Market: Region Footprint
  - 3.5.2 On-Board Charging System Market: Company Product Type Footprint
  - 3.5.3 On-Board Charging System 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 On-Board Charging System Market Size by Region

- 4.1.1 Global On-Board Charging System Sales Quantity by Region (2020-2031)
- 4.1.2 Global On-Board Charging System Consumption Value by Region (2020-2031)
- 4.1.3 Global On-Board Charging System Average Price by Region (2020-2031)
- 4.2 North America On-Board Charging System Consumption Value (2020-2031)
- 4.3 Europe On-Board Charging System Consumption Value (2020-2031)
- 4.4 Asia-Pacific On-Board Charging System Consumption Value (2020-2031)
- 4.5 South America On-Board Charging System Consumption Value (2020-2031)
- 4.6 Middle East & Africa On-Board Charging System Consumption Value (2020-2031)

## **5 MARKET SEGMENT BY TYPE**

- 5.1 Global On-Board Charging System Sales Quantity by Type (2020-2031)
- 5.2 Global On-Board Charging System Consumption Value by Type (2020-2031)
- 5.3 Global On-Board Charging System Average Price by Type (2020-2031)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global On-Board Charging System Sales Quantity by Application (2020-2031)
- 6.2 Global On-Board Charging System Consumption Value by Application (2020-2031)
- 6.3 Global On-Board Charging System Average Price by Application (2020-2031)

## **7 NORTH AMERICA**

- 7.1 North America On-Board Charging System Sales Quantity by Type (2020-2031)
- 7.2 North America On-Board Charging System Sales Quantity by Application (2020-2031)
- 7.3 North America On-Board Charging System Market Size by Country
  - 7.3.1 North America On-Board Charging System Sales Quantity by Country (2020-2031)
  - 7.3.2 North America On-Board Charging System Consumption Value by Country (2020-2031)
  - 7.3.3 United States Market Size and Forecast (2020-2031)
  - 7.3.4 Canada Market Size and Forecast (2020-2031)
  - 7.3.5 Mexico Market Size and Forecast (2020-2031)

## **8 EUROPE**

- 8.1 Europe On-Board Charging System Sales Quantity by Type (2020-2031)
- 8.2 Europe On-Board Charging System Sales Quantity by Application (2020-2031)

### 8.3 Europe On-Board Charging System Market Size by Country

- 8.3.1 Europe On-Board Charging System Sales Quantity by Country (2020-2031)
- 8.3.2 Europe On-Board Charging System Consumption Value by Country (2020-2031)
- 8.3.3 Germany Market Size and Forecast (2020-2031)
- 8.3.4 France Market Size and Forecast (2020-2031)
- 8.3.5 United Kingdom Market Size and Forecast (2020-2031)
- 8.3.6 Russia Market Size and Forecast (2020-2031)
- 8.3.7 Italy Market Size and Forecast (2020-2031)

## 9 ASIA-PACIFIC

- 9.1 Asia-Pacific On-Board Charging System Sales Quantity by Type (2020-2031)
- 9.2 Asia-Pacific On-Board Charging System Sales Quantity by Application (2020-2031)
- 9.3 Asia-Pacific On-Board Charging System Market Size by Region
  - 9.3.1 Asia-Pacific On-Board Charging System Sales Quantity by Region (2020-2031)
  - 9.3.2 Asia-Pacific On-Board Charging System Consumption Value by Region (2020-2031)
  - 9.3.3 China Market Size and Forecast (2020-2031)
  - 9.3.4 Japan Market Size and Forecast (2020-2031)
  - 9.3.5 South Korea Market Size and Forecast (2020-2031)
  - 9.3.6 India Market Size and Forecast (2020-2031)
  - 9.3.7 Southeast Asia Market Size and Forecast (2020-2031)
  - 9.3.8 Australia Market Size and Forecast (2020-2031)

## 10 SOUTH AMERICA

- 10.1 South America On-Board Charging System Sales Quantity by Type (2020-2031)
- 10.2 South America On-Board Charging System Sales Quantity by Application (2020-2031)
- 10.3 South America On-Board Charging System Market Size by Country
  - 10.3.1 South America On-Board Charging System Sales Quantity by Country (2020-2031)
  - 10.3.2 South America On-Board Charging System Consumption Value by Country (2020-2031)
  - 10.3.3 Brazil Market Size and Forecast (2020-2031)
  - 10.3.4 Argentina Market Size and Forecast (2020-2031)

## 11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa On-Board Charging System Sales Quantity by Type  
(2020-2031)

11.2 Middle East & Africa On-Board Charging System Sales Quantity by Application  
(2020-2031)

11.3 Middle East & Africa On-Board Charging System Market Size by Country

11.3.1 Middle East & Africa On-Board Charging System Sales Quantity by Country  
(2020-2031)

11.3.2 Middle East & Africa On-Board Charging System Consumption Value by  
Country (2020-2031)

11.3.3 Turkey Market Size and Forecast (2020-2031)

11.3.4 Egypt Market Size and Forecast (2020-2031)

11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)

11.3.6 South Africa Market Size and Forecast (2020-2031)

## **12 MARKET DYNAMICS**

12.1 On-Board Charging System Market Drivers

12.2 On-Board Charging System Market Restraints

12.3 On-Board Charging System 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 On-Board Charging System and Key Manufacturers

13.2 Manufacturing Costs Percentage of On-Board Charging System

13.3 On-Board Charging System Production Process

13.4 Industry Value Chain Analysis

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 On-Board Charging System Typical Distributors

### 14.3 On-Board Charging System Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

### 16.1 Methodology

### 16.2 Research Process and Data Source

### 16.3 Disclaimer



## List Of Tables

### LIST OF TABLES

Table 1. Global On-Board Charging System Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global On-Board Charging System Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. Bel Power solution Basic Information, Manufacturing Base and Competitors

Table 4. Bel Power solution Major Business

Table 5. Bel Power solution On-Board Charging System Product and Services

Table 6. Bel Power solution On-Board Charging System Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. Bel Power solution Recent Developments/Updates

Table 8. BRUSA ElektronikAG Basic Information, Manufacturing Base and Competitors

Table 9. BRUSA ElektronikAG Major Business

Table 10. BRUSA ElektronikAG On-Board Charging System Product and Services

Table 11. BRUSA ElektronikAG On-Board Charging System Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. BRUSA ElektronikAG Recent Developments/Updates

Table 13. Current Ways Inc Basic Information, Manufacturing Base and Competitors

Table 14. Current Ways Inc Major Business

Table 15. Current Ways Inc On-Board Charging System Product and Services

Table 16. Current Ways Inc On-Board Charging System Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. Current Ways Inc Recent Developments/Updates

Table 18. Delphi Technologies Basic Information, Manufacturing Base and Competitors

Table 19. Delphi Technologies Major Business

Table 20. Delphi Technologies On-Board Charging System Product and Services

Table 21. Delphi Technologies On-Board Charging System Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. Delphi Technologies Recent Developments/Updates

Table 23. Eaton Corporation Basic Information, Manufacturing Base and Competitors

Table 24. Eaton Corporation Major Business

Table 25. Eaton Corporation On-Board Charging System Product and Services



Table 26. Eaton Corporation On-Board Charging System Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. Eaton Corporation Recent Developments/Updates

Table 28. Infineon Technologies AG Basic Information, Manufacturing Base and Competitors

Table 29. Infineon Technologies AG Major Business

Table 30. Infineon Technologies AG On-Board Charging System Product and Services

Table 31. Infineon Technologies AG On-Board Charging System Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. Infineon Technologies AG Recent Developments/Updates

Table 33. STMicroelectronics Basic Information, Manufacturing Base and Competitors

Table 34. STMicroelectronics Major Business

Table 35. STMicroelectronics On-Board Charging System Product and Services

Table 36. STMicroelectronics On-Board Charging System Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. STMicroelectronics Recent Developments/Updates

Table 38. Stercom Power Solutions GmbH Basic Information, Manufacturing Base and Competitors

Table 39. Stercom Power Solutions GmbH Major Business

Table 40. Stercom Power Solutions GmbH On-Board Charging System Product and Services

Table 41. Stercom Power Solutions GmbH On-Board Charging System Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. Stercom Power Solutions GmbH Recent Developments/Updates

Table 43. Toyota Industries Corporation Basic Information, Manufacturing Base and Competitors

Table 44. Toyota Industries Corporation Major Business

Table 45. Toyota Industries Corporation On-Board Charging System Product and Services

Table 46. Toyota Industries Corporation On-Board Charging System Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 47. Toyota Industries Corporation Recent Developments/Updates

Table 48. Xepics Italia SRL Basic Information, Manufacturing Base and Competitors

Table 49. Xepics Italia SRL Major Business

Table 50. Xepics Italia SRL On-Board Charging System Product and Services

Table 51. Xepics Italia SRL On-Board Charging System Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 52. Xepics Italia SRL Recent Developments/Updates

Table 53. VICOR Basic Information, Manufacturing Base and Competitors

Table 54. VICOR Major Business

Table 55. VICOR On-Board Charging System Product and Services

Table 56. VICOR On-Board Charging System Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 57. VICOR Recent Developments/Updates

Table 58. Inventus Power Basic Information, Manufacturing Base and Competitors

Table 59. Inventus Power Major Business

Table 60. Inventus Power On-Board Charging System Product and Services

Table 61. Inventus Power On-Board Charging System Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 62. Inventus Power Recent Developments/Updates

Table 63. ADI Basic Information, Manufacturing Base and Competitors

Table 64. ADI Major Business

Table 65. ADI On-Board Charging System Product and Services

Table 66. ADI On-Board Charging System Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 67. ADI Recent Developments/Updates

Table 68. Skyworks Basic Information, Manufacturing Base and Competitors

Table 69. Skyworks Major Business

Table 70. Skyworks On-Board Charging System Product and Services

Table 71. Skyworks On-Board Charging System Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 72. Skyworks Recent Developments/Updates

Table 73. Electra EV Basic Information, Manufacturing Base and Competitors

Table 74. Electra EV Major Business

Table 75. Electra EV On-Board Charging System Product and Services

Table 76. Electra EV On-Board Charging System Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 77. Electra EV Recent Developments/Updates

Table 78. innoelectric AG Basic Information, Manufacturing Base and Competitors

Table 79. innoelectric AG Major Business

Table 80. innoelectric AG On-Board Charging System Product and Services

Table 81. innoelectric AG On-Board Charging System Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 82. innoelectric AG Recent Developments/Updates
Table 83. Bourns Basic Information, Manufacturing Base and Competitors
Table 84. Bourns Major Business
Table 85. Bourns On-Board Charging System Product and Services
Table 86. Bourns On-Board Charging System Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 87. Bourns Recent Developments/Updates
Table 88. Zhejiang EV-Tech Basic Information, Manufacturing Base and Competitors
Table 89. Zhejiang EV-Tech Major Business
Table 90. Zhejiang EV-Tech On-Board Charging System Product and Services
Table 91. Zhejiang EV-Tech On-Board Charging System Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 92. Zhejiang EV-Tech Recent Developments/Updates
Table 93. Jiangsu Yinhe Electronics Basic Information, Manufacturing Base and Competitors
Table 94. Jiangsu Yinhe Electronics Major Business
Table 95. Jiangsu Yinhe Electronics On-Board Charging System Product and Services
Table 96. Jiangsu Yinhe Electronics On-Board Charging System Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 97. Jiangsu Yinhe Electronics Recent Developments/Updates
Table 98. Shenyang Huamai Electronic Technology Basic Information, Manufacturing Base and Competitors
Table 99. Shenyang Huamai Electronic Technology Major Business
Table 100. Shenyang Huamai Electronic Technology On-Board Charging System Product and Services
Table 101. Shenyang Huamai Electronic Technology On-Board Charging System Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 102. Shenyang Huamai Electronic Technology Recent Developments/Updates
Table 103. Shijiazhuang Tonhe Electronics Technologies Basic Information, Manufacturing Base and Competitors
Table 104. Shijiazhuang Tonhe Electronics Technologies Major Business
Table 105. Shijiazhuang Tonhe Electronics Technologies On-Board Charging System Product and Services
Table 106. Shijiazhuang Tonhe Electronics Technologies On-Board Charging System

Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 107. Shijiazhuang Tonhe Electronics Technologies Recent Developments/Updates

Table 108. Global On-Board Charging System Sales Quantity by Manufacturer (2020-2025) & (K Units)

Table 109. Global On-Board Charging System Revenue by Manufacturer (2020-2025) & (USD Million)

Table 110. Global On-Board Charging System Average Price by Manufacturer (2020-2025) & (US\$/Unit)

Table 111. Market Position of Manufacturers in On-Board Charging System, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 112. Head Office and On-Board Charging System Production Site of Key Manufacturer

Table 113. On-Board Charging System Market: Company Product Type Footprint

Table 114. On-Board Charging System Market: Company Product Application Footprint

Table 115. On-Board Charging System New Market Entrants and Barriers to Market Entry

Table 116. On-Board Charging System Mergers, Acquisition, Agreements, and Collaborations

Table 117. Global On-Board Charging System Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 118. Global On-Board Charging System Sales Quantity by Region (2020-2025) & (K Units)

Table 119. Global On-Board Charging System Sales Quantity by Region (2026-2031) & (K Units)

Table 120. Global On-Board Charging System Consumption Value by Region (2020-2025) & (USD Million)

Table 121. Global On-Board Charging System Consumption Value by Region (2026-2031) & (USD Million)

Table 122. Global On-Board Charging System Average Price by Region (2020-2025) & (US\$/Unit)

Table 123. Global On-Board Charging System Average Price by Region (2026-2031) & (US\$/Unit)

Table 124. Global On-Board Charging System Sales Quantity by Type (2020-2025) & (K Units)

Table 125. Global On-Board Charging System Sales Quantity by Type (2026-2031) & (K Units)

Table 126. Global On-Board Charging System Consumption Value by Type

(2020-2025) & (USD Million)

Table 127. Global On-Board Charging System Consumption Value by Type

(2026-2031) & (USD Million)

Table 128. Global On-Board Charging System Average Price by Type (2020-2025) & (US\$/Unit)

Table 129. Global On-Board Charging System Average Price by Type (2026-2031) & (US\$/Unit)

Table 130. Global On-Board Charging System Sales Quantity by Application (2020-2025) & (K Units)

Table 131. Global On-Board Charging System Sales Quantity by Application (2026-2031) & (K Units)

Table 132. Global On-Board Charging System Consumption Value by Application (2020-2025) & (USD Million)

Table 133. Global On-Board Charging System Consumption Value by Application (2026-2031) & (USD Million)

Table 134. Global On-Board Charging System Average Price by Application (2020-2025) & (US\$/Unit)

Table 135. Global On-Board Charging System Average Price by Application (2026-2031) & (US\$/Unit)

Table 136. North America On-Board Charging System Sales Quantity by Type (2020-2025) & (K Units)

Table 137. North America On-Board Charging System Sales Quantity by Type (2026-2031) & (K Units)

Table 138. North America On-Board Charging System Sales Quantity by Application (2020-2025) & (K Units)

Table 139. North America On-Board Charging System Sales Quantity by Application (2026-2031) & (K Units)

Table 140. North America On-Board Charging System Sales Quantity by Country (2020-2025) & (K Units)

Table 141. North America On-Board Charging System Sales Quantity by Country (2026-2031) & (K Units)

Table 142. North America On-Board Charging System Consumption Value by Country (2020-2025) & (USD Million)

Table 143. North America On-Board Charging System Consumption Value by Country (2026-2031) & (USD Million)

Table 144. Europe On-Board Charging System Sales Quantity by Type (2020-2025) & (K Units)

Table 145. Europe On-Board Charging System Sales Quantity by Type (2026-2031) & (K Units)



Table 146. Europe On-Board Charging System Sales Quantity by Application (2020-2025) & (K Units)

Table 147. Europe On-Board Charging System Sales Quantity by Application (2026-2031) & (K Units)

Table 148. Europe On-Board Charging System Sales Quantity by Country (2020-2025) & (K Units)

Table 149. Europe On-Board Charging System Sales Quantity by Country (2026-2031) & (K Units)

Table 150. Europe On-Board Charging System Consumption Value by Country (2020-2025) & (USD Million)

Table 151. Europe On-Board Charging System Consumption Value by Country (2026-2031) & (USD Million)

Table 152. Asia-Pacific On-Board Charging System Sales Quantity by Type (2020-2025) & (K Units)

Table 153. Asia-Pacific On-Board Charging System Sales Quantity by Type (2026-2031) & (K Units)

Table 154. Asia-Pacific On-Board Charging System Sales Quantity by Application (2020-2025) & (K Units)

Table 155. Asia-Pacific On-Board Charging System Sales Quantity by Application (2026-2031) & (K Units)

Table 156. Asia-Pacific On-Board Charging System Sales Quantity by Region (2020-2025) & (K Units)

Table 157. Asia-Pacific On-Board Charging System Sales Quantity by Region (2026-2031) & (K Units)

Table 158. Asia-Pacific On-Board Charging System Consumption Value by Region (2020-2025) & (USD Million)

Table 159. Asia-Pacific On-Board Charging System Consumption Value by Region (2026-2031) & (USD Million)

Table 160. South America On-Board Charging System Sales Quantity by Type (2020-2025) & (K Units)

Table 161. South America On-Board Charging System Sales Quantity by Type (2026-2031) & (K Units)

Table 162. South America On-Board Charging System Sales Quantity by Application (2020-2025) & (K Units)

Table 163. South America On-Board Charging System Sales Quantity by Application (2026-2031) & (K Units)

Table 164. South America On-Board Charging System Sales Quantity by Country (2020-2025) & (K Units)

Table 165. South America On-Board Charging System Sales Quantity by Country

(2026-2031) & (K Units)

Table 166. South America On-Board Charging System Consumption Value by Country (2020-2025) & (USD Million)

Table 167. South America On-Board Charging System Consumption Value by Country (2026-2031) & (USD Million)

Table 168. Middle East & Africa On-Board Charging System Sales Quantity by Type (2020-2025) & (K Units)

Table 169. Middle East & Africa On-Board Charging System Sales Quantity by Type (2026-2031) & (K Units)

Table 170. Middle East & Africa On-Board Charging System Sales Quantity by Application (2020-2025) & (K Units)

Table 171. Middle East & Africa On-Board Charging System Sales Quantity by Application (2026-2031) & (K Units)

Table 172. Middle East & Africa On-Board Charging System Sales Quantity by Country (2020-2025) & (K Units)

Table 173. Middle East & Africa On-Board Charging System Sales Quantity by Country (2026-2031) & (K Units)

Table 174. Middle East & Africa On-Board Charging System Consumption Value by Country (2020-2025) & (USD Million)

Table 175. Middle East & Africa On-Board Charging System Consumption Value by Country (2026-2031) & (USD Million)

Table 176. On-Board Charging System Raw Material

Table 177. Key Manufacturers of On-Board Charging System Raw Materials

Table 178. On-Board Charging System Typical Distributors

Table 179. On-Board Charging System Typical Customers



## List Of Figures

### LIST OF FIGURES

Figure 1. On-Board Charging System Picture

Figure 2. Global On-Board Charging System Revenue by Type, (USD Million), 2020 & 2024 & 2031

Figure 3. Global On-Board Charging System Revenue Market Share by Type in 2024

Figure 4. Power Below 20kw Examples

Figure 5. Power Above 20kw Examples

Figure 6. Global On-Board Charging System Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Figure 7. Global On-Board Charging System Revenue Market Share by Application in 2024

Figure 8. Passenger Cars Examples

Figure 9. Commercial Vehicles Examples

Figure 10. Global On-Board Charging System Consumption Value, (USD Million): 2020 & 2024 & 2031

Figure 11. Global On-Board Charging System Consumption Value and Forecast (2020-2031) & (USD Million)

Figure 12. Global On-Board Charging System Sales Quantity (2020-2031) & (K Units)

Figure 13. Global On-Board Charging System Price (2020-2031) & (US\$/Unit)

Figure 14. Global On-Board Charging System Sales Quantity Market Share by Manufacturer in 2024

Figure 15. Global On-Board Charging System Revenue Market Share by Manufacturer in 2024

Figure 16. Producer Shipments of On-Board Charging System by Manufacturer Sales (\$MM) and Market Share (%): 2024

Figure 17. Top 3 On-Board Charging System Manufacturer (Revenue) Market Share in 2024

Figure 18. Top 6 On-Board Charging System Manufacturer (Revenue) Market Share in 2024

Figure 19. Global On-Board Charging System Sales Quantity Market Share by Region (2020-2031)

Figure 20. Global On-Board Charging System Consumption Value Market Share by Region (2020-2031)

Figure 21. North America On-Board Charging System Consumption Value (2020-2031) & (USD Million)

Figure 22. Europe On-Board Charging System Consumption Value (2020-2031) & (USD Million)

Million)

Figure 23. Asia-Pacific On-Board Charging System Consumption Value (2020-2031) & (USD Million)

Figure 24. South America On-Board Charging System Consumption Value (2020-2031) & (USD Million)

Figure 25. Middle East & Africa On-Board Charging System Consumption Value (2020-2031) & (USD Million)

Figure 26. Global On-Board Charging System Sales Quantity Market Share by Type (2020-2031)

Figure 27. Global On-Board Charging System Consumption Value Market Share by Type (2020-2031)

Figure 28. Global On-Board Charging System Average Price by Type (2020-2031) & (US\$/Unit)

Figure 29. Global On-Board Charging System Sales Quantity Market Share by Application (2020-2031)

Figure 30. Global On-Board Charging System Revenue Market Share by Application (2020-2031)

Figure 31. Global On-Board Charging System Average Price by Application (2020-2031) & (US\$/Unit)

Figure 32. North America On-Board Charging System Sales Quantity Market Share by Type (2020-2031)

Figure 33. North America On-Board Charging System Sales Quantity Market Share by Application (2020-2031)

Figure 34. North America On-Board Charging System Sales Quantity Market Share by Country (2020-2031)

Figure 35. North America On-Board Charging System Consumption Value Market Share by Country (2020-2031)

Figure 36. United States On-Board Charging System Consumption Value (2020-2031) & (USD Million)

Figure 37. Canada On-Board Charging System Consumption Value (2020-2031) & (USD Million)

Figure 38. Mexico On-Board Charging System Consumption Value (2020-2031) & (USD Million)

Figure 39. Europe On-Board Charging System Sales Quantity Market Share by Type (2020-2031)

Figure 40. Europe On-Board Charging System Sales Quantity Market Share by Application (2020-2031)

Figure 41. Europe On-Board Charging System Sales Quantity Market Share by Country (2020-2031)

Figure 42. Europe On-Board Charging System Consumption Value Market Share by Country (2020-2031)

Figure 43. Germany On-Board Charging System Consumption Value (2020-2031) & (USD Million)

Figure 44. France On-Board Charging System Consumption Value (2020-2031) & (USD Million)

Figure 45. United Kingdom On-Board Charging System Consumption Value (2020-2031) & (USD Million)

Figure 46. Russia On-Board Charging System Consumption Value (2020-2031) & (USD Million)

Figure 47. Italy On-Board Charging System Consumption Value (2020-2031) & (USD Million)

Figure 48. Asia-Pacific On-Board Charging System Sales Quantity Market Share by Type (2020-2031)

Figure 49. Asia-Pacific On-Board Charging System Sales Quantity Market Share by Application (2020-2031)

Figure 50. Asia-Pacific On-Board Charging System Sales Quantity Market Share by Region (2020-2031)

Figure 51. Asia-Pacific On-Board Charging System Consumption Value Market Share by Region (2020-2031)

Figure 52. China On-Board Charging System Consumption Value (2020-2031) & (USD Million)

Figure 53. Japan On-Board Charging System Consumption Value (2020-2031) & (USD Million)

Figure 54. South Korea On-Board Charging System Consumption Value (2020-2031) & (USD Million)

Figure 55. India On-Board Charging System Consumption Value (2020-2031) & (USD Million)

Figure 56. Southeast Asia On-Board Charging System Consumption Value (2020-2031) & (USD Million)

Figure 57. Australia On-Board Charging System Consumption Value (2020-2031) & (USD Million)

Figure 58. South America On-Board Charging System Sales Quantity Market Share by Type (2020-2031)

Figure 59. South America On-Board Charging System Sales Quantity Market Share by Application (2020-2031)

Figure 60. South America On-Board Charging System Sales Quantity Market Share by Country (2020-2031)

Figure 61. South America On-Board Charging System Consumption Value Market

Share by Country (2020-2031)

Figure 62. Brazil On-Board Charging System Consumption Value (2020-2031) & (USD Million)

Figure 63. Argentina On-Board Charging System Consumption Value (2020-2031) & (USD Million)

Figure 64. Middle East & Africa On-Board Charging System Sales Quantity Market Share by Type (2020-2031)

Figure 65. Middle East & Africa On-Board Charging System Sales Quantity Market Share by Application (2020-2031)

Figure 66. Middle East & Africa On-Board Charging System Sales Quantity Market Share by Country (2020-2031)

Figure 67. Middle East & Africa On-Board Charging System Consumption Value Market Share by Country (2020-2031)

Figure 68. Turkey On-Board Charging System Consumption Value (2020-2031) & (USD Million)

Figure 69. Egypt On-Board Charging System Consumption Value (2020-2031) & (USD Million)

Figure 70. Saudi Arabia On-Board Charging System Consumption Value (2020-2031) & (USD Million)

Figure 71. South Africa On-Board Charging System Consumption Value (2020-2031) & (USD Million)

Figure 72. On-Board Charging System Market Drivers

Figure 73. On-Board Charging System Market Restraints

Figure 74. On-Board Charging System Market Trends

Figure 75. Porters Five Forces Analysis

Figure 76. Manufacturing Cost Structure Analysis of On-Board Charging System in 2024

Figure 77. Manufacturing Process Analysis of On-Board Charging System

Figure 78. On-Board Charging System Industrial Chain

Figure 79. Sales Channel: Direct to End-User vs Distributors

Figure 80. Direct Channel Pros & Cons

Figure 81. Indirect Channel Pros & Cons

Figure 82. Methodology

Figure 83. Research Process and Data Source

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