

# Global Silicon Carbide Bidirectional On-Board Charger Market Growth 2024-2030

<https://marketpublishers.com/r/GFBF99F14AB3EN.html>

Date: August 2024

Pages: 103

Price: US\$ 3,660.00 (Single User License)

ID: GFBF99F14AB3EN

## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

Silicon carbide bidirectional on-board charger is an on-board charging device that uses silicon carbide power devices to achieve bidirectional power conversion. This charger can not only charge electric vehicle batteries, but also invert the power in electric vehicle batteries for home power supply or feedback to the power grid. The application of SiC technology in these chargers significantly improves the efficiency, power density and reliability of the system.

The global Silicon Carbide Bidirectional On-Board Charger market size is projected to grow from US\$ million in 2024 to US\$ million in 2030; it is expected to grow at a CAGR of %from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the “Silicon Carbide Bidirectional On-Board Charger Industry Forecast” looks at past sales and reviews total world Silicon Carbide Bidirectional On-Board Charger sales in 2023, providing a comprehensive analysis by region and market sector of projected Silicon Carbide Bidirectional On-Board Charger sales for 2024 through 2030. With Silicon Carbide Bidirectional On-Board Charger sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Silicon Carbide Bidirectional On-Board Charger industry.

This Insight Report provides a comprehensive analysis of the global Silicon Carbide Bidirectional On-Board Charger landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with

a focus on Silicon Carbide Bidirectional On-Board Charger portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Silicon Carbide Bidirectional On-Board Charger market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Silicon Carbide Bidirectional On-Board Charger and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Silicon Carbide Bidirectional On-Board Charger.

United States market for Silicon Carbide Bidirectional On-Board Charger is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for Silicon Carbide Bidirectional On-Board Charger is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for Silicon Carbide Bidirectional On-Board Charger is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key Silicon Carbide Bidirectional On-Board Charger players cover MAHLE, BorgWarner, Onsemi, Valeo, Dilong Technology, etc. In terms of revenue, the global two largest companies occupied for a share nearly

% in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of Silicon Carbide Bidirectional On-Board Charger market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

400V

800V

Segmentation by Application:

Commercial Vehicle

Passenger Vehicle

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

MAHLE

BorgWarner

Onsemi

Valeo

Dilong Technology

VMAX New Energy

Huawei Digital Energy

## Key Questions Addressed in this Report

What is the 10-year outlook for the global Silicon Carbide Bidirectional On-Board Charger market?

What factors are driving Silicon Carbide Bidirectional On-Board Charger market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Silicon Carbide Bidirectional On-Board Charger market opportunities vary by end market size?

How does Silicon Carbide Bidirectional On-Board Charger break out by Type, by Application?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

#### 2.1 World Market Overview

- 2.1.1 Global Silicon Carbide Bidirectional On-Board Charger Annual Sales 2019-2030
- 2.1.2 World Current & Future Analysis for Silicon Carbide Bidirectional On-Board Charger by Geographic Region, 2019, 2023 & 2030
- 2.1.3 World Current & Future Analysis for Silicon Carbide Bidirectional On-Board Charger by Country/Region, 2019, 2023 & 2030

#### 2.2 Silicon Carbide Bidirectional On-Board Charger Segment by Type

- 2.2.1 400V
- 2.2.2 800V

#### 2.3 Silicon Carbide Bidirectional On-Board Charger Sales by Type

- 2.3.1 Global Silicon Carbide Bidirectional On-Board Charger Sales Market Share by Type (2019-2024)
- 2.3.2 Global Silicon Carbide Bidirectional On-Board Charger Revenue and Market Share by Type (2019-2024)
- 2.3.3 Global Silicon Carbide Bidirectional On-Board Charger Sale Price by Type (2019-2024)

#### 2.4 Silicon Carbide Bidirectional On-Board Charger Segment by Application

- 2.4.1 Commercial Vehicle
- 2.4.2 Passenger Vehicle

#### 2.5 Silicon Carbide Bidirectional On-Board Charger Sales by Application

- 2.5.1 Global Silicon Carbide Bidirectional On-Board Charger Sale Market Share by Application (2019-2024)
- 2.5.2 Global Silicon Carbide Bidirectional On-Board Charger Revenue and Market Share by Application (2019-2024)

2.5.3 Global Silicon Carbide Bidirectional On-Board Charger Sale Price by Application (2019-2024)

### **3 GLOBAL BY COMPANY**

3.1 Global Silicon Carbide Bidirectional On-Board Charger Breakdown Data by Company

3.1.1 Global Silicon Carbide Bidirectional On-Board Charger Annual Sales by Company (2019-2024)

3.1.2 Global Silicon Carbide Bidirectional On-Board Charger Sales Market Share by Company (2019-2024)

3.2 Global Silicon Carbide Bidirectional On-Board Charger Annual Revenue by Company (2019-2024)

3.2.1 Global Silicon Carbide Bidirectional On-Board Charger Revenue by Company (2019-2024)

3.2.2 Global Silicon Carbide Bidirectional On-Board Charger Revenue Market Share by Company (2019-2024)

3.3 Global Silicon Carbide Bidirectional On-Board Charger Sale Price by Company

3.4 Key Manufacturers Silicon Carbide Bidirectional On-Board Charger Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Silicon Carbide Bidirectional On-Board Charger Product Location Distribution

3.4.2 Players Silicon Carbide Bidirectional On-Board Charger Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

### **4 WORLD HISTORIC REVIEW FOR SILICON CARBIDE BIDIRECTIONAL ON-BOARD CHARGER BY GEOGRAPHIC REGION**

4.1 World Historic Silicon Carbide Bidirectional On-Board Charger Market Size by Geographic Region (2019-2024)

4.1.1 Global Silicon Carbide Bidirectional On-Board Charger Annual Sales by Geographic Region (2019-2024)

4.1.2 Global Silicon Carbide Bidirectional On-Board Charger Annual Revenue by Geographic Region (2019-2024)

4.2 World Historic Silicon Carbide Bidirectional On-Board Charger Market Size by

Country/Region (2019-2024)

4.2.1 Global Silicon Carbide Bidirectional On-Board Charger Annual Sales by Country/Region (2019-2024)

4.2.2 Global Silicon Carbide Bidirectional On-Board Charger Annual Revenue by Country/Region (2019-2024)

4.3 Americas Silicon Carbide Bidirectional On-Board Charger Sales Growth

4.4 APAC Silicon Carbide Bidirectional On-Board Charger Sales Growth

4.5 Europe Silicon Carbide Bidirectional On-Board Charger Sales Growth

4.6 Middle East & Africa Silicon Carbide Bidirectional On-Board Charger Sales Growth

## **5 AMERICAS**

5.1 Americas Silicon Carbide Bidirectional On-Board Charger Sales by Country

5.1.1 Americas Silicon Carbide Bidirectional On-Board Charger Sales by Country (2019-2024)

5.1.2 Americas Silicon Carbide Bidirectional On-Board Charger Revenue by Country (2019-2024)

5.2 Americas Silicon Carbide Bidirectional On-Board Charger Sales by Type (2019-2024)

5.3 Americas Silicon Carbide Bidirectional On-Board Charger Sales by Application (2019-2024)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

## **6 APAC**

6.1 APAC Silicon Carbide Bidirectional On-Board Charger Sales by Region

6.1.1 APAC Silicon Carbide Bidirectional On-Board Charger Sales by Region (2019-2024)

6.1.2 APAC Silicon Carbide Bidirectional On-Board Charger Revenue by Region (2019-2024)

6.2 APAC Silicon Carbide Bidirectional On-Board Charger Sales by Type (2019-2024)

6.3 APAC Silicon Carbide Bidirectional On-Board Charger Sales by Application (2019-2024)

6.4 China

6.5 Japan

6.6 South Korea



- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

## **7 EUROPE**

- 7.1 Europe Silicon Carbide Bidirectional On-Board Charger by Country
  - 7.1.1 Europe Silicon Carbide Bidirectional On-Board Charger Sales by Country (2019-2024)
  - 7.1.2 Europe Silicon Carbide Bidirectional On-Board Charger Revenue by Country (2019-2024)
- 7.2 Europe Silicon Carbide Bidirectional On-Board Charger Sales by Type (2019-2024)
- 7.3 Europe Silicon Carbide Bidirectional On-Board Charger Sales by Application (2019-2024)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

- 8.1 Middle East & Africa Silicon Carbide Bidirectional On-Board Charger by Country
  - 8.1.1 Middle East & Africa Silicon Carbide Bidirectional On-Board Charger Sales by Country (2019-2024)
  - 8.1.2 Middle East & Africa Silicon Carbide Bidirectional On-Board Charger Revenue by Country (2019-2024)
- 8.2 Middle East & Africa Silicon Carbide Bidirectional On-Board Charger Sales by Type (2019-2024)
- 8.3 Middle East & Africa Silicon Carbide Bidirectional On-Board Charger Sales by Application (2019-2024)
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Silicon Carbide Bidirectional On-Board Charger
- 10.3 Manufacturing Process Analysis of Silicon Carbide Bidirectional On-Board Charger
- 10.4 Industry Chain Structure of Silicon Carbide Bidirectional On-Board Charger

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

- 11.1 Sales Channel
  - 11.1.1 Direct Channels
  - 11.1.2 Indirect Channels
- 11.2 Silicon Carbide Bidirectional On-Board Charger Distributors
- 11.3 Silicon Carbide Bidirectional On-Board Charger Customer

## **12 WORLD FORECAST REVIEW FOR SILICON CARBIDE BIDIRECTIONAL ON-BOARD CHARGER BY GEOGRAPHIC REGION**

- 12.1 Global Silicon Carbide Bidirectional On-Board Charger Market Size Forecast by Region
  - 12.1.1 Global Silicon Carbide Bidirectional On-Board Charger Forecast by Region (2025-2030)
  - 12.1.2 Global Silicon Carbide Bidirectional On-Board Charger Annual Revenue Forecast by Region (2025-2030)
- 12.2 Americas Forecast by Country (2025-2030)
- 12.3 APAC Forecast by Region (2025-2030)
- 12.4 Europe Forecast by Country (2025-2030)
- 12.5 Middle East & Africa Forecast by Country (2025-2030)
- 12.6 Global Silicon Carbide Bidirectional On-Board Charger Forecast by Type (2025-2030)
- 12.7 Global Silicon Carbide Bidirectional On-Board Charger Forecast by Application (2025-2030)

## 13 KEY PLAYERS ANALYSIS

### 13.1 MAHLE

13.1.1 MAHLE Company Information

13.1.2 MAHLE Silicon Carbide Bidirectional On-Board Charger Product Portfolios and Specifications

13.1.3 MAHLE Silicon Carbide Bidirectional On-Board Charger Sales, Revenue, Price and Gross Margin (2019-2024)

13.1.4 MAHLE Main Business Overview

13.1.5 MAHLE Latest Developments

### 13.2 BorgWarner

13.2.1 BorgWarner Company Information

13.2.2 BorgWarner Silicon Carbide Bidirectional On-Board Charger Product Portfolios and Specifications

13.2.3 BorgWarner Silicon Carbide Bidirectional On-Board Charger Sales, Revenue, Price and Gross Margin (2019-2024)

13.2.4 BorgWarner Main Business Overview

13.2.5 BorgWarner Latest Developments

### 13.3 Onsemi

13.3.1 Onsemi Company Information

13.3.2 Onsemi Silicon Carbide Bidirectional On-Board Charger Product Portfolios and Specifications

13.3.3 Onsemi Silicon Carbide Bidirectional On-Board Charger Sales, Revenue, Price and Gross Margin (2019-2024)

13.3.4 Onsemi Main Business Overview

13.3.5 Onsemi Latest Developments

### 13.4 Valeo

13.4.1 Valeo Company Information

13.4.2 Valeo Silicon Carbide Bidirectional On-Board Charger Product Portfolios and Specifications

13.4.3 Valeo Silicon Carbide Bidirectional On-Board Charger Sales, Revenue, Price and Gross Margin (2019-2024)

13.4.4 Valeo Main Business Overview

13.4.5 Valeo Latest Developments

### 13.5 Dilong Technology

13.5.1 Dilong Technology Company Information

13.5.2 Dilong Technology Silicon Carbide Bidirectional On-Board Charger Product Portfolios and Specifications

13.5.3 Dilong Technology Silicon Carbide Bidirectional On-Board Charger Sales,

Revenue, Price and Gross Margin (2019-2024)

13.5.4 Dilong Technology Main Business Overview

13.5.5 Dilong Technology Latest Developments

13.6 VMAX New Energy

13.6.1 VMAX New Energy Company Information

13.6.2 VMAX New Energy Silicon Carbide Bidirectional On-Board Charger Product

Portfolios and Specifications

13.6.3 VMAX New Energy Silicon Carbide Bidirectional On-Board Charger Sales,  
Revenue, Price and Gross Margin (2019-2024)

13.6.4 VMAX New Energy Main Business Overview

13.6.5 VMAX New Energy Latest Developments

13.7 Huawei Digital Energy

13.7.1 Huawei Digital Energy Company Information

13.7.2 Huawei Digital Energy Silicon Carbide Bidirectional On-Board Charger Product

Portfolios and Specifications

13.7.3 Huawei Digital Energy Silicon Carbide Bidirectional On-Board Charger Sales,  
Revenue, Price and Gross Margin (2019-2024)

13.7.4 Huawei Digital Energy Main Business Overview

13.7.5 Huawei Digital Energy Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

br>

## List Of Tables

### LIST OF TABLES

Table 1. Silicon Carbide Bidirectional On-Board Charger Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Table 2. Silicon Carbide Bidirectional On-Board Charger Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of 400V

Table 4. Major Players of 800V

Table 5. Global Silicon Carbide Bidirectional On-Board Charger Sales by Type (2019-2024) & (Units)

Table 6. Global Silicon Carbide Bidirectional On-Board Charger Sales Market Share by Type (2019-2024)

Table 7. Global Silicon Carbide Bidirectional On-Board Charger Revenue by Type (2019-2024) & (\$ million)

Table 8. Global Silicon Carbide Bidirectional On-Board Charger Revenue Market Share by Type (2019-2024)

Table 9. Global Silicon Carbide Bidirectional On-Board Charger Sale Price by Type (2019-2024) & (US\$/Unit)

Table 10. Global Silicon Carbide Bidirectional On-Board Charger Sale by Application (2019-2024) & (Units)

Table 11. Global Silicon Carbide Bidirectional On-Board Charger Sale Market Share by Application (2019-2024)

Table 12. Global Silicon Carbide Bidirectional On-Board Charger Revenue by Application (2019-2024) & (\$ million)

Table 13. Global Silicon Carbide Bidirectional On-Board Charger Revenue Market Share by Application (2019-2024)

Table 14. Global Silicon Carbide Bidirectional On-Board Charger Sale Price by Application (2019-2024) & (US\$/Unit)

Table 15. Global Silicon Carbide Bidirectional On-Board Charger Sales by Company (2019-2024) & (Units)

Table 16. Global Silicon Carbide Bidirectional On-Board Charger Sales Market Share by Company (2019-2024)

Table 17. Global Silicon Carbide Bidirectional On-Board Charger Revenue by Company (2019-2024) & (\$ millions)

Table 18. Global Silicon Carbide Bidirectional On-Board Charger Revenue Market Share by Company (2019-2024)

Table 19. Global Silicon Carbide Bidirectional On-Board Charger Sale Price by

Company (2019-2024) & (US\$/Unit)

Table 20. Key Manufacturers Silicon Carbide Bidirectional On-Board Charger Producing Area Distribution and Sales Area

Table 21. Players Silicon Carbide Bidirectional On-Board Charger Products Offered

Table 22. Silicon Carbide Bidirectional On-Board Charger Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 23. New Products and Potential Entrants

Table 24. Market M&A Activity & Strategy

Table 25. Global Silicon Carbide Bidirectional On-Board Charger Sales by Geographic Region (2019-2024) & (Units)

Table 26. Global Silicon Carbide Bidirectional On-Board Charger Sales Market Share Geographic Region (2019-2024)

Table 27. Global Silicon Carbide Bidirectional On-Board Charger Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 28. Global Silicon Carbide Bidirectional On-Board Charger Revenue Market Share by Geographic Region (2019-2024)

Table 29. Global Silicon Carbide Bidirectional On-Board Charger Sales by Country/Region (2019-2024) & (Units)

Table 30. Global Silicon Carbide Bidirectional On-Board Charger Sales Market Share by Country/Region (2019-2024)

Table 31. Global Silicon Carbide Bidirectional On-Board Charger Revenue by Country/Region (2019-2024) & (\$ millions)

Table 32. Global Silicon Carbide Bidirectional On-Board Charger Revenue Market Share by Country/Region (2019-2024)

Table 33. Americas Silicon Carbide Bidirectional On-Board Charger Sales by Country (2019-2024) & (Units)

Table 34. Americas Silicon Carbide Bidirectional On-Board Charger Sales Market Share by Country (2019-2024)

Table 35. Americas Silicon Carbide Bidirectional On-Board Charger Revenue by Country (2019-2024) & (\$ millions)

Table 36. Americas Silicon Carbide Bidirectional On-Board Charger Sales by Type (2019-2024) & (Units)

Table 37. Americas Silicon Carbide Bidirectional On-Board Charger Sales by Application (2019-2024) & (Units)

Table 38. APAC Silicon Carbide Bidirectional On-Board Charger Sales by Region (2019-2024) & (Units)

Table 39. APAC Silicon Carbide Bidirectional On-Board Charger Sales Market Share by Region (2019-2024)

Table 40. APAC Silicon Carbide Bidirectional On-Board Charger Revenue by Region

(2019-2024) & (\$ millions)

Table 41. APAC Silicon Carbide Bidirectional On-Board Charger Sales by Type

(2019-2024) & (Units)

Table 42. APAC Silicon Carbide Bidirectional On-Board Charger Sales by Application

(2019-2024) & (Units)

Table 43. Europe Silicon Carbide Bidirectional On-Board Charger Sales by Country

(2019-2024) & (Units)

Table 44. Europe Silicon Carbide Bidirectional On-Board Charger Revenue by Country

(2019-2024) & (\$ millions)

Table 45. Europe Silicon Carbide Bidirectional On-Board Charger Sales by Type

(2019-2024) & (Units)

Table 46. Europe Silicon Carbide Bidirectional On-Board Charger Sales by Application

(2019-2024) & (Units)

Table 47. Middle East & Africa Silicon Carbide Bidirectional On-Board Charger Sales by Country (2019-2024) & (Units)

Table 48. Middle East & Africa Silicon Carbide Bidirectional On-Board Charger Revenue Market Share by Country (2019-2024)

Table 49. Middle East & Africa Silicon Carbide Bidirectional On-Board Charger Sales by Type (2019-2024) & (Units)

Table 50. Middle East & Africa Silicon Carbide Bidirectional On-Board Charger Sales by Application (2019-2024) & (Units)

Table 51. Key Market Drivers & Growth Opportunities of Silicon Carbide Bidirectional On-Board Charger

Table 52. Key Market Challenges & Risks of Silicon Carbide Bidirectional On-Board Charger

Table 53. Key Industry Trends of Silicon Carbide Bidirectional On-Board Charger

Table 54. Silicon Carbide Bidirectional On-Board Charger Raw Material

Table 55. Key Suppliers of Raw Materials

Table 56. Silicon Carbide Bidirectional On-Board Charger Distributors List

Table 57. Silicon Carbide Bidirectional On-Board Charger Customer List

Table 58. Global Silicon Carbide Bidirectional On-Board Charger Sales Forecast by Region (2025-2030) & (Units)

Table 59. Global Silicon Carbide Bidirectional On-Board Charger Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 60. Americas Silicon Carbide Bidirectional On-Board Charger Sales Forecast by Country (2025-2030) & (Units)

Table 61. Americas Silicon Carbide Bidirectional On-Board Charger Annual Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 62. APAC Silicon Carbide Bidirectional On-Board Charger Sales Forecast by

Region (2025-2030) & (Units)

Table 63. APAC Silicon Carbide Bidirectional On-Board Charger Annual Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 64. Europe Silicon Carbide Bidirectional On-Board Charger Sales Forecast by Country (2025-2030) & (Units)

Table 65. Europe Silicon Carbide Bidirectional On-Board Charger Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 66. Middle East & Africa Silicon Carbide Bidirectional On-Board Charger Sales Forecast by Country (2025-2030) & (Units)

Table 67. Middle East & Africa Silicon Carbide Bidirectional On-Board Charger Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 68. Global Silicon Carbide Bidirectional On-Board Charger Sales Forecast by Type (2025-2030) & (Units)

Table 69. Global Silicon Carbide Bidirectional On-Board Charger Revenue Forecast by Type (2025-2030) & (\$ millions)

Table 70. Global Silicon Carbide Bidirectional On-Board Charger Sales Forecast by Application (2025-2030) & (Units)

Table 71. Global Silicon Carbide Bidirectional On-Board Charger Revenue Forecast by Application (2025-2030) & (\$ millions)

Table 72. MAHLE Basic Information, Silicon Carbide Bidirectional On-Board Charger Manufacturing Base, Sales Area and Its Competitors

Table 73. MAHLE Silicon Carbide Bidirectional On-Board Charger Product Portfolios and Specifications

Table 74. MAHLE Silicon Carbide Bidirectional On-Board Charger Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 75. MAHLE Main Business

Table 76. MAHLE Latest Developments

Table 77. BorgWarner Basic Information, Silicon Carbide Bidirectional On-Board Charger Manufacturing Base, Sales Area and Its Competitors

Table 78. BorgWarner Silicon Carbide Bidirectional On-Board Charger Product Portfolios and Specifications

Table 79. BorgWarner Silicon Carbide Bidirectional On-Board Charger Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 80. BorgWarner Main Business

Table 81. BorgWarner Latest Developments

Table 82. Onsemi Basic Information, Silicon Carbide Bidirectional On-Board Charger Manufacturing Base, Sales Area and Its Competitors

Table 83. Onsemi Silicon Carbide Bidirectional On-Board Charger Product Portfolios and Specifications



Table 84. Onsemi Silicon Carbide Bidirectional On-Board Charger Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 85. Onsemi Main Business

Table 86. Onsemi Latest Developments

Table 87. Valeo Basic Information, Silicon Carbide Bidirectional On-Board Charger Manufacturing Base, Sales Area and Its Competitors

Table 88. Valeo Silicon Carbide Bidirectional On-Board Charger Product Portfolios and Specifications

Table 89. Valeo Silicon Carbide Bidirectional On-Board Charger Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 90. Valeo Main Business

Table 91. Valeo Latest Developments

Table 92. Dilong Technology Basic Information, Silicon Carbide Bidirectional On-Board Charger Manufacturing Base, Sales Area and Its Competitors

Table 93. Dilong Technology Silicon Carbide Bidirectional On-Board Charger Product Portfolios and Specifications

Table 94. Dilong Technology Silicon Carbide Bidirectional On-Board Charger Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 95. Dilong Technology Main Business

Table 96. Dilong Technology Latest Developments

Table 97. VMAX New Energy Basic Information, Silicon Carbide Bidirectional On-Board Charger Manufacturing Base, Sales Area and Its Competitors

Table 98. VMAX New Energy Silicon Carbide Bidirectional On-Board Charger Product Portfolios and Specifications

Table 99. VMAX New Energy Silicon Carbide Bidirectional On-Board Charger Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 100. VMAX New Energy Main Business

Table 101. VMAX New Energy Latest Developments

Table 102. Huawei Digital Energy Basic Information, Silicon Carbide Bidirectional On-Board Charger Manufacturing Base, Sales Area and Its Competitors

Table 103. Huawei Digital Energy Silicon Carbide Bidirectional On-Board Charger Product Portfolios and Specifications

Table 104. Huawei Digital Energy Silicon Carbide Bidirectional On-Board Charger Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 105. Huawei Digital Energy Main Business

Table 106. Huawei Digital Energy Latest Developments

br>

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Silicon Carbide Bidirectional On-Board Charger
- Figure 2. Silicon Carbide Bidirectional On-Board Charger Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Silicon Carbide Bidirectional On-Board Charger Sales Growth Rate 2019-2030 (Units)
- Figure 7. Global Silicon Carbide Bidirectional On-Board Charger Revenue Growth Rate 2019-2030 (\$ millions)
- Figure 8. Silicon Carbide Bidirectional On-Board Charger Sales by Geographic Region (2019, 2023 & 2030) & (\$ millions)
- Figure 9. Silicon Carbide Bidirectional On-Board Charger Sales Market Share by Country/Region (2023)
- Figure 10. Silicon Carbide Bidirectional On-Board Charger Sales Market Share by Country/Region (2019, 2023 & 2030)
- Figure 11. Product Picture of 400V
- Figure 12. Product Picture of 800V
- Figure 13. Global Silicon Carbide Bidirectional On-Board Charger Sales Market Share by Type in 2023
- Figure 14. Global Silicon Carbide Bidirectional On-Board Charger Revenue Market Share by Type (2019-2024)
- Figure 15. Silicon Carbide Bidirectional On-Board Charger Consumed in Commercial Vehicle
- Figure 16. Global Silicon Carbide Bidirectional On-Board Charger Market: Commercial Vehicle (2019-2024) & (Units)
- Figure 17. Silicon Carbide Bidirectional On-Board Charger Consumed in Passenger Vehicle
- Figure 18. Global Silicon Carbide Bidirectional On-Board Charger Market: Passenger Vehicle (2019-2024) & (Units)
- Figure 19. Global Silicon Carbide Bidirectional On-Board Charger Sale Market Share by Application (2023)
- Figure 20. Global Silicon Carbide Bidirectional On-Board Charger Revenue Market Share by Application in 2023
- Figure 21. Silicon Carbide Bidirectional On-Board Charger Sales by Company in 2023 (Units)

Figure 22. Global Silicon Carbide Bidirectional On-Board Charger Sales Market Share by Company in 2023

Figure 23. Silicon Carbide Bidirectional On-Board Charger Revenue by Company in 2023 (\$ millions)

Figure 24. Global Silicon Carbide Bidirectional On-Board Charger Revenue Market Share by Company in 2023

Figure 25. Global Silicon Carbide Bidirectional On-Board Charger Sales Market Share by Geographic Region (2019-2024)

Figure 26. Global Silicon Carbide Bidirectional On-Board Charger Revenue Market Share by Geographic Region in 2023

Figure 27. Americas Silicon Carbide Bidirectional On-Board Charger Sales 2019-2024 (Units)

Figure 28. Americas Silicon Carbide Bidirectional On-Board Charger Revenue 2019-2024 (\$ millions)

Figure 29. APAC Silicon Carbide Bidirectional On-Board Charger Sales 2019-2024 (Units)

Figure 30. APAC Silicon Carbide Bidirectional On-Board Charger Revenue 2019-2024 (\$ millions)

Figure 31. Europe Silicon Carbide Bidirectional On-Board Charger Sales 2019-2024 (Units)

Figure 32. Europe Silicon Carbide Bidirectional On-Board Charger Revenue 2019-2024 (\$ millions)

Figure 33. Middle East & Africa Silicon Carbide Bidirectional On-Board Charger Sales 2019-2024 (Units)

Figure 34. Middle East & Africa Silicon Carbide Bidirectional On-Board Charger Revenue 2019-2024 (\$ millions)

Figure 35. Americas Silicon Carbide Bidirectional On-Board Charger Sales Market Share by Country in 2023

Figure 36. Americas Silicon Carbide Bidirectional On-Board Charger Revenue Market Share by Country (2019-2024)

Figure 37. Americas Silicon Carbide Bidirectional On-Board Charger Sales Market Share by Type (2019-2024)

Figure 38. Americas Silicon Carbide Bidirectional On-Board Charger Sales Market Share by Application (2019-2024)

Figure 39. United States Silicon Carbide Bidirectional On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 40. Canada Silicon Carbide Bidirectional On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 41. Mexico Silicon Carbide Bidirectional On-Board Charger Revenue Growth

2019-2024 (\$ millions)

Figure 42. Brazil Silicon Carbide Bidirectional On-Board Charger Revenue Growth

2019-2024 (\$ millions)

Figure 43. APAC Silicon Carbide Bidirectional On-Board Charger Sales Market Share by Region in 2023

Figure 44. APAC Silicon Carbide Bidirectional On-Board Charger Revenue Market Share by Region (2019-2024)

Figure 45. APAC Silicon Carbide Bidirectional On-Board Charger Sales Market Share by Type (2019-2024)

Figure 46. APAC Silicon Carbide Bidirectional On-Board Charger Sales Market Share by Application (2019-2024)

Figure 47. China Silicon Carbide Bidirectional On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 48. Japan Silicon Carbide Bidirectional On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 49. South Korea Silicon Carbide Bidirectional On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 50. Southeast Asia Silicon Carbide Bidirectional On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 51. India Silicon Carbide Bidirectional On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 52. Australia Silicon Carbide Bidirectional On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 53. China Taiwan Silicon Carbide Bidirectional On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 54. Europe Silicon Carbide Bidirectional On-Board Charger Sales Market Share by Country in 2023

Figure 55. Europe Silicon Carbide Bidirectional On-Board Charger Revenue Market Share by Country (2019-2024)

Figure 56. Europe Silicon Carbide Bidirectional On-Board Charger Sales Market Share by Type (2019-2024)

Figure 57. Europe Silicon Carbide Bidirectional On-Board Charger Sales Market Share by Application (2019-2024)

Figure 58. Germany Silicon Carbide Bidirectional On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 59. France Silicon Carbide Bidirectional On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 60. UK Silicon Carbide Bidirectional On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 61. Italy Silicon Carbide Bidirectional On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 62. Russia Silicon Carbide Bidirectional On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 63. Middle East & Africa Silicon Carbide Bidirectional On-Board Charger Sales Market Share by Country (2019-2024)

Figure 64. Middle East & Africa Silicon Carbide Bidirectional On-Board Charger Sales Market Share by Type (2019-2024)

Figure 65. Middle East & Africa Silicon Carbide Bidirectional On-Board Charger Sales Market Share by Application (2019-2024)

Figure 66. Egypt Silicon Carbide Bidirectional On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 67. South Africa Silicon Carbide Bidirectional On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 68. Israel Silicon Carbide Bidirectional On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 69. Turkey Silicon Carbide Bidirectional On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 70. GCC Countries Silicon Carbide Bidirectional On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 71. Manufacturing Cost Structure Analysis of Silicon Carbide Bidirectional On-Board Charger in 2023

Figure 72. Manufacturing Process Analysis of Silicon Carbide Bidirectional On-Board Charger

Figure 73. Industry Chain Structure of Silicon Carbide Bidirectional On-Board Charger

Figure 74. Channels of Distribution

Figure 75. Global Silicon Carbide Bidirectional On-Board Charger Sales Market Forecast by Region (2025-2030)

Figure 76. Global Silicon Carbide Bidirectional On-Board Charger Revenue Market Share Forecast by Region (2025-2030)

Figure 77. Global Silicon Carbide Bidirectional On-Board Charger Sales Market Share Forecast by Type (2025-2030)

Figure 78. Global Silicon Carbide Bidirectional On-Board Charger Revenue Market Share Forecast by Type (2025-2030)

Figure 79. Global Silicon Carbide Bidirectional On-Board Charger Sales Market Share Forecast by Application (2025-2030)

Figure 80. Global Silicon Carbide Bidirectional On-Board Charger Revenue Market Share Forecast by Application (2025-2030)

## I would like to order

Product name: Global Silicon Carbide Bidirectional On-Board Charger Market Growth 2024-2030

Product link: <https://marketpublishers.com/r/GFBF99F14AB3EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GFBF99F14AB3EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970