

Global 800V Silicon Carbide On-Board Charger Market Growth 2024-2030

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Abstracts

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The 800V silicon carbide (SiC) on-board charger is an on-board charging device designed specifically to support 800V ultra-high voltage electric vehicle battery systems. By leveraging the superior properties of silicon carbide, this charger can provide significant advantages in high efficiency, high power density and high reliability.

The global 800V Silicon Carbide 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 "800V Silicon Carbide On-Board Charger Industry Forecast" looks at past sales and reviews total world 800V Silicon Carbide On-Board Charger sales in 2023, providing a comprehensive analysis by region and market sector of projected 800V Silicon Carbide On-Board Charger sales for 2024 through 2030. With 800V Silicon Carbide 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 800V Silicon Carbide On-Board Charger industry.

This Insight Report provides a comprehensive analysis of the global 800V Silicon Carbide 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 800V Silicon Carbide 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 800V Silicon Carbide On-Board Charger

market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for 800V Silicon Carbide 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 800V Silicon Carbide On-Board Charger.

United States market for 800V Silicon Carbide 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 800V Silicon Carbide 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 800V Silicon Carbide 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 800V Silicon Carbide On-Board Charger players cover MAHLE, BorgWarner, Vitesco Technologies, Valeo, Onsemi, 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 800V Silicon Carbide On-Board Charger market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Unidirectional

Bidirectional

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

Vitesco Technologies

Valeo

Onsemi

Huawei Digital Energy

Shinry Technologies

VMAX New Energy

Deren Electronic

Inpower Electric

Dilong Technology

Key Questions Addressed in this Report

What is the 10-year outlook for the global 800V Silicon Carbide On-Board Charger market?

What factors are driving 800V Silicon Carbide On-Board Charger market growth, globally and by region?

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

How do 800V Silicon Carbide On-Board Charger market opportunities vary by end market size?

How does 800V Silicon Carbide 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 800V Silicon Carbide On-Board Charger Annual Sales 2019-2030
- 2.1.2 World Current & Future Analysis for 800V Silicon Carbide On-Board Charger by Geographic Region, 2019, 2023 & 2030
- 2.1.3 World Current & Future Analysis for 800V Silicon Carbide On-Board Charger by Country/Region, 2019, 2023 & 2030

2.2 800V Silicon Carbide On-Board Charger Segment by Type

- 2.2.1 Unidirectional
- 2.2.2 Bidirectional

2.3 800V Silicon Carbide On-Board Charger Sales by Type

- 2.3.1 Global 800V Silicon Carbide On-Board Charger Sales Market Share by Type (2019-2024)
- 2.3.2 Global 800V Silicon Carbide On-Board Charger Revenue and Market Share by Type (2019-2024)
- 2.3.3 Global 800V Silicon Carbide On-Board Charger Sale Price by Type (2019-2024)

2.4 800V Silicon Carbide On-Board Charger Segment by Application

- 2.4.1 Commercial Vehicle
- 2.4.2 Passenger Vehicle

2.5 800V Silicon Carbide On-Board Charger Sales by Application

- 2.5.1 Global 800V Silicon Carbide On-Board Charger Sale Market Share by Application (2019-2024)
- 2.5.2 Global 800V Silicon Carbide On-Board Charger Revenue and Market Share by Application (2019-2024)
- 2.5.3 Global 800V Silicon Carbide On-Board Charger Sale Price by Application

(2019-2024)

3 GLOBAL BY COMPANY

3.1 Global 800V Silicon Carbide On-Board Charger Breakdown Data by Company

3.1.1 Global 800V Silicon Carbide On-Board Charger Annual Sales by Company (2019-2024)

3.1.2 Global 800V Silicon Carbide On-Board Charger Sales Market Share by Company (2019-2024)

3.2 Global 800V Silicon Carbide On-Board Charger Annual Revenue by Company (2019-2024)

3.2.1 Global 800V Silicon Carbide On-Board Charger Revenue by Company (2019-2024)

3.2.2 Global 800V Silicon Carbide On-Board Charger Revenue Market Share by Company (2019-2024)

3.3 Global 800V Silicon Carbide On-Board Charger Sale Price by Company

3.4 Key Manufacturers 800V Silicon Carbide On-Board Charger Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers 800V Silicon Carbide On-Board Charger Product Location Distribution

3.4.2 Players 800V Silicon Carbide 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 800V SILICON CARBIDE ON-BOARD CHARGER BY GEOGRAPHIC REGION

4.1 World Historic 800V Silicon Carbide On-Board Charger Market Size by Geographic Region (2019-2024)

4.1.1 Global 800V Silicon Carbide On-Board Charger Annual Sales by Geographic Region (2019-2024)

4.1.2 Global 800V Silicon Carbide On-Board Charger Annual Revenue by Geographic Region (2019-2024)

4.2 World Historic 800V Silicon Carbide On-Board Charger Market Size by Country/Region (2019-2024)

4.2.1 Global 800V Silicon Carbide On-Board Charger Annual Sales by Country/Region

(2019-2024)

4.2.2 Global 800V Silicon Carbide On-Board Charger Annual Revenue by Country/Region (2019-2024)

4.3 Americas 800V Silicon Carbide On-Board Charger Sales Growth

4.4 APAC 800V Silicon Carbide On-Board Charger Sales Growth

4.5 Europe 800V Silicon Carbide On-Board Charger Sales Growth

4.6 Middle East & Africa 800V Silicon Carbide On-Board Charger Sales Growth

5 AMERICAS

5.1 Americas 800V Silicon Carbide On-Board Charger Sales by Country

5.1.1 Americas 800V Silicon Carbide On-Board Charger Sales by Country (2019-2024)

5.1.2 Americas 800V Silicon Carbide On-Board Charger Revenue by Country (2019-2024)

5.2 Americas 800V Silicon Carbide On-Board Charger Sales by Type (2019-2024)

5.3 Americas 800V Silicon Carbide 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 800V Silicon Carbide On-Board Charger Sales by Region

6.1.1 APAC 800V Silicon Carbide On-Board Charger Sales by Region (2019-2024)

6.1.2 APAC 800V Silicon Carbide On-Board Charger Revenue by Region (2019-2024)

6.2 APAC 800V Silicon Carbide On-Board Charger Sales by Type (2019-2024)

6.3 APAC 800V Silicon Carbide 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 800V Silicon Carbide On-Board Charger by Country

- 7.1.1 Europe 800V Silicon Carbide On-Board Charger Sales by Country (2019-2024)
- 7.1.2 Europe 800V Silicon Carbide On-Board Charger Revenue by Country (2019-2024)
- 7.2 Europe 800V Silicon Carbide On-Board Charger Sales by Type (2019-2024)
- 7.3 Europe 800V Silicon Carbide 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 800V Silicon Carbide On-Board Charger by Country
 - 8.1.1 Middle East & Africa 800V Silicon Carbide On-Board Charger Sales by Country (2019-2024)
 - 8.1.2 Middle East & Africa 800V Silicon Carbide On-Board Charger Revenue by Country (2019-2024)
- 8.2 Middle East & Africa 800V Silicon Carbide On-Board Charger Sales by Type (2019-2024)
- 8.3 Middle East & Africa 800V Silicon Carbide 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 800V Silicon Carbide On-Board Charger
- 10.3 Manufacturing Process Analysis of 800V Silicon Carbide On-Board Charger

10.4 Industry Chain Structure of 800V Silicon Carbide On-Board Charger

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 800V Silicon Carbide On-Board Charger Distributors

11.3 800V Silicon Carbide On-Board Charger Customer

12 WORLD FORECAST REVIEW FOR 800V SILICON CARBIDE ON-BOARD CHARGER BY GEOGRAPHIC REGION

12.1 Global 800V Silicon Carbide On-Board Charger Market Size Forecast by Region

12.1.1 Global 800V Silicon Carbide On-Board Charger Forecast by Region (2025-2030)

12.1.2 Global 800V Silicon Carbide 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 800V Silicon Carbide On-Board Charger Forecast by Type (2025-2030)

12.7 Global 800V Silicon Carbide 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 800V Silicon Carbide On-Board Charger Product Portfolios and Specifications

13.1.3 MAHLE 800V Silicon Carbide 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 800V Silicon Carbide On-Board Charger Product Portfolios and

Specifications

13.2.3 BorgWarner 800V Silicon Carbide 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 Vitesco Technologies

13.3.1 Vitesco Technologies Company Information

13.3.2 Vitesco Technologies 800V Silicon Carbide On-Board Charger Product

Portfolios and Specifications

13.3.3 Vitesco Technologies 800V Silicon Carbide On-Board Charger Sales, Revenue, Price and Gross Margin (2019-2024)

13.3.4 Vitesco Technologies Main Business Overview

13.3.5 Vitesco Technologies Latest Developments

13.4 Valeo

13.4.1 Valeo Company Information

13.4.2 Valeo 800V Silicon Carbide On-Board Charger Product Portfolios and

Specifications

13.4.3 Valeo 800V Silicon Carbide 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 Onsemi

13.5.1 Onsemi Company Information

13.5.2 Onsemi 800V Silicon Carbide On-Board Charger Product Portfolios and

Specifications

13.5.3 Onsemi 800V Silicon Carbide On-Board Charger Sales, Revenue, Price and Gross Margin (2019-2024)

13.5.4 Onsemi Main Business Overview

13.5.5 Onsemi Latest Developments

13.6 Huawei Digital Energy

13.6.1 Huawei Digital Energy Company Information

13.6.2 Huawei Digital Energy 800V Silicon Carbide On-Board Charger Product

Portfolios and Specifications

13.6.3 Huawei Digital Energy 800V Silicon Carbide On-Board Charger Sales, Revenue, Price and Gross Margin (2019-2024)

13.6.4 Huawei Digital Energy Main Business Overview

13.6.5 Huawei Digital Energy Latest Developments

13.7 Shinry Technologies

13.7.1 Shinry Technologies Company Information

13.7.2 Shinry Technologies 800V Silicon Carbide On-Board Charger Product Portfolios and Specifications

13.7.3 Shinry Technologies 800V Silicon Carbide On-Board Charger Sales, Revenue, Price and Gross Margin (2019-2024)

13.7.4 Shinry Technologies Main Business Overview

13.7.5 Shinry Technologies Latest Developments

13.8 VMAX New Energy

13.8.1 VMAX New Energy Company Information

13.8.2 VMAX New Energy 800V Silicon Carbide On-Board Charger Product Portfolios and Specifications

13.8.3 VMAX New Energy 800V Silicon Carbide On-Board Charger Sales, Revenue, Price and Gross Margin (2019-2024)

13.8.4 VMAX New Energy Main Business Overview

13.8.5 VMAX New Energy Latest Developments

13.9 Deren Electronic

13.9.1 Deren Electronic Company Information

13.9.2 Deren Electronic 800V Silicon Carbide On-Board Charger Product Portfolios and Specifications

13.9.3 Deren Electronic 800V Silicon Carbide On-Board Charger Sales, Revenue, Price and Gross Margin (2019-2024)

13.9.4 Deren Electronic Main Business Overview

13.9.5 Deren Electronic Latest Developments

13.10 Inpower Electric

13.10.1 Inpower Electric Company Information

13.10.2 Inpower Electric 800V Silicon Carbide On-Board Charger Product Portfolios and Specifications

13.10.3 Inpower Electric 800V Silicon Carbide On-Board Charger Sales, Revenue, Price and Gross Margin (2019-2024)

13.10.4 Inpower Electric Main Business Overview

13.10.5 Inpower Electric Latest Developments

13.11 Dilong Technology

13.11.1 Dilong Technology Company Information

13.11.2 Dilong Technology 800V Silicon Carbide On-Board Charger Product Portfolios and Specifications

13.11.3 Dilong Technology 800V Silicon Carbide On-Board Charger Sales, Revenue, Price and Gross Margin (2019-2024)

13.11.4 Dilong Technology Main Business Overview

13.11.5 Dilong Technology Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

br>

List Of Tables

LIST OF TABLES

Table 1. 800V Silicon Carbide On-Board Charger Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Table 2. 800V Silicon Carbide On-Board Charger Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of Unidirectional

Table 4. Major Players of Bidirectional

Table 5. Global 800V Silicon Carbide On-Board Charger Sales by Type (2019-2024) & (Units)

Table 6. Global 800V Silicon Carbide On-Board Charger Sales Market Share by Type (2019-2024)

Table 7. Global 800V Silicon Carbide On-Board Charger Revenue by Type (2019-2024) & (\$ million)

Table 8. Global 800V Silicon Carbide On-Board Charger Revenue Market Share by Type (2019-2024)

Table 9. Global 800V Silicon Carbide On-Board Charger Sale Price by Type (2019-2024) & (US\$/Unit)

Table 10. Global 800V Silicon Carbide On-Board Charger Sale by Application (2019-2024) & (Units)

Table 11. Global 800V Silicon Carbide On-Board Charger Sale Market Share by Application (2019-2024)

Table 12. Global 800V Silicon Carbide On-Board Charger Revenue by Application (2019-2024) & (\$ million)

Table 13. Global 800V Silicon Carbide On-Board Charger Revenue Market Share by Application (2019-2024)

Table 14. Global 800V Silicon Carbide On-Board Charger Sale Price by Application (2019-2024) & (US\$/Unit)

Table 15. Global 800V Silicon Carbide On-Board Charger Sales by Company (2019-2024) & (Units)

Table 16. Global 800V Silicon Carbide On-Board Charger Sales Market Share by Company (2019-2024)

Table 17. Global 800V Silicon Carbide On-Board Charger Revenue by Company (2019-2024) & (\$ millions)

Table 18. Global 800V Silicon Carbide On-Board Charger Revenue Market Share by Company (2019-2024)

Table 19. Global 800V Silicon Carbide On-Board Charger Sale Price by Company

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

Table 20. Key Manufacturers 800V Silicon Carbide On-Board Charger Producing Area Distribution and Sales Area

Table 21. Players 800V Silicon Carbide On-Board Charger Products Offered

Table 22. 800V Silicon Carbide 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 800V Silicon Carbide On-Board Charger Sales by Geographic Region (2019-2024) & (Units)

Table 26. Global 800V Silicon Carbide On-Board Charger Sales Market Share Geographic Region (2019-2024)

Table 27. Global 800V Silicon Carbide On-Board Charger Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 28. Global 800V Silicon Carbide On-Board Charger Revenue Market Share by Geographic Region (2019-2024)

Table 29. Global 800V Silicon Carbide On-Board Charger Sales by Country/Region (2019-2024) & (Units)

Table 30. Global 800V Silicon Carbide On-Board Charger Sales Market Share by Country/Region (2019-2024)

Table 31. Global 800V Silicon Carbide On-Board Charger Revenue by Country/Region (2019-2024) & (\$ millions)

Table 32. Global 800V Silicon Carbide On-Board Charger Revenue Market Share by Country/Region (2019-2024)

Table 33. Americas 800V Silicon Carbide On-Board Charger Sales by Country (2019-2024) & (Units)

Table 34. Americas 800V Silicon Carbide On-Board Charger Sales Market Share by Country (2019-2024)

Table 35. Americas 800V Silicon Carbide On-Board Charger Revenue by Country (2019-2024) & (\$ millions)

Table 36. Americas 800V Silicon Carbide On-Board Charger Sales by Type (2019-2024) & (Units)

Table 37. Americas 800V Silicon Carbide On-Board Charger Sales by Application (2019-2024) & (Units)

Table 38. APAC 800V Silicon Carbide On-Board Charger Sales by Region (2019-2024) & (Units)

Table 39. APAC 800V Silicon Carbide On-Board Charger Sales Market Share by Region (2019-2024)

Table 40. APAC 800V Silicon Carbide On-Board Charger Revenue by Region

(2019-2024) & (\$ millions)

Table 41. APAC 800V Silicon Carbide On-Board Charger Sales by Type (2019-2024) & (Units)

Table 42. APAC 800V Silicon Carbide On-Board Charger Sales by Application (2019-2024) & (Units)

Table 43. Europe 800V Silicon Carbide On-Board Charger Sales by Country (2019-2024) & (Units)

Table 44. Europe 800V Silicon Carbide On-Board Charger Revenue by Country (2019-2024) & (\$ millions)

Table 45. Europe 800V Silicon Carbide On-Board Charger Sales by Type (2019-2024) & (Units)

Table 46. Europe 800V Silicon Carbide On-Board Charger Sales by Application (2019-2024) & (Units)

Table 47. Middle East & Africa 800V Silicon Carbide On-Board Charger Sales by Country (2019-2024) & (Units)

Table 48. Middle East & Africa 800V Silicon Carbide On-Board Charger Revenue Market Share by Country (2019-2024)

Table 49. Middle East & Africa 800V Silicon Carbide On-Board Charger Sales by Type (2019-2024) & (Units)

Table 50. Middle East & Africa 800V Silicon Carbide On-Board Charger Sales by Application (2019-2024) & (Units)

Table 51. Key Market Drivers & Growth Opportunities of 800V Silicon Carbide On-Board Charger

Table 52. Key Market Challenges & Risks of 800V Silicon Carbide On-Board Charger

Table 53. Key Industry Trends of 800V Silicon Carbide On-Board Charger

Table 54. 800V Silicon Carbide On-Board Charger Raw Material

Table 55. Key Suppliers of Raw Materials

Table 56. 800V Silicon Carbide On-Board Charger Distributors List

Table 57. 800V Silicon Carbide On-Board Charger Customer List

Table 58. Global 800V Silicon Carbide On-Board Charger Sales Forecast by Region (2025-2030) & (Units)

Table 59. Global 800V Silicon Carbide On-Board Charger Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 60. Americas 800V Silicon Carbide On-Board Charger Sales Forecast by Country (2025-2030) & (Units)

Table 61. Americas 800V Silicon Carbide On-Board Charger Annual Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 62. APAC 800V Silicon Carbide On-Board Charger Sales Forecast by Region (2025-2030) & (Units)

Table 63. APAC 800V Silicon Carbide On-Board Charger Annual Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 64. Europe 800V Silicon Carbide On-Board Charger Sales Forecast by Country (2025-2030) & (Units)

Table 65. Europe 800V Silicon Carbide On-Board Charger Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 66. Middle East & Africa 800V Silicon Carbide On-Board Charger Sales Forecast by Country (2025-2030) & (Units)

Table 67. Middle East & Africa 800V Silicon Carbide On-Board Charger Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 68. Global 800V Silicon Carbide On-Board Charger Sales Forecast by Type (2025-2030) & (Units)

Table 69. Global 800V Silicon Carbide On-Board Charger Revenue Forecast by Type (2025-2030) & (\$ millions)

Table 70. Global 800V Silicon Carbide On-Board Charger Sales Forecast by Application (2025-2030) & (Units)

Table 71. Global 800V Silicon Carbide On-Board Charger Revenue Forecast by Application (2025-2030) & (\$ millions)

Table 72. MAHLE Basic Information, 800V Silicon Carbide On-Board Charger Manufacturing Base, Sales Area and Its Competitors

Table 73. MAHLE 800V Silicon Carbide On-Board Charger Product Portfolios and Specifications

Table 74. MAHLE 800V Silicon Carbide 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, 800V Silicon Carbide On-Board Charger Manufacturing Base, Sales Area and Its Competitors

Table 78. BorgWarner 800V Silicon Carbide On-Board Charger Product Portfolios and Specifications

Table 79. BorgWarner 800V Silicon Carbide 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. Vitesco Technologies Basic Information, 800V Silicon Carbide On-Board Charger Manufacturing Base, Sales Area and Its Competitors

Table 83. Vitesco Technologies 800V Silicon Carbide On-Board Charger Product Portfolios and Specifications

Table 84. Vitesco Technologies 800V Silicon Carbide On-Board Charger Sales (Units),

Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 85. Vitesco Technologies Main Business

Table 86. Vitesco Technologies Latest Developments

Table 87. Valeo Basic Information, 800V Silicon Carbide On-Board Charger Manufacturing Base, Sales Area and Its Competitors

Table 88. Valeo 800V Silicon Carbide On-Board Charger Product Portfolios and Specifications

Table 89. Valeo 800V Silicon Carbide 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. Onsemi Basic Information, 800V Silicon Carbide On-Board Charger Manufacturing Base, Sales Area and Its Competitors

Table 93. Onsemi 800V Silicon Carbide On-Board Charger Product Portfolios and Specifications

Table 94. Onsemi 800V Silicon Carbide On-Board Charger Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 95. Onsemi Main Business

Table 96. Onsemi Latest Developments

Table 97. Huawei Digital Energy Basic Information, 800V Silicon Carbide On-Board Charger Manufacturing Base, Sales Area and Its Competitors

Table 98. Huawei Digital Energy 800V Silicon Carbide On-Board Charger Product Portfolios and Specifications

Table 99. Huawei Digital Energy 800V Silicon Carbide On-Board Charger Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 100. Huawei Digital Energy Main Business

Table 101. Huawei Digital Energy Latest Developments

Table 102. Shinry Technologies Basic Information, 800V Silicon Carbide On-Board Charger Manufacturing Base, Sales Area and Its Competitors

Table 103. Shinry Technologies 800V Silicon Carbide On-Board Charger Product Portfolios and Specifications

Table 104. Shinry Technologies 800V Silicon Carbide On-Board Charger Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 105. Shinry Technologies Main Business

Table 106. Shinry Technologies Latest Developments

Table 107. VMAX New Energy Basic Information, 800V Silicon Carbide On-Board Charger Manufacturing Base, Sales Area and Its Competitors

Table 108. VMAX New Energy 800V Silicon Carbide On-Board Charger Product Portfolios and Specifications

Table 109. VMAX New Energy 800V Silicon Carbide On-Board Charger Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 110. VMAX New Energy Main Business

Table 111. VMAX New Energy Latest Developments

Table 112. Deren Electronic Basic Information, 800V Silicon Carbide On-Board Charger Manufacturing Base, Sales Area and Its Competitors

Table 113. Deren Electronic 800V Silicon Carbide On-Board Charger Product Portfolios and Specifications

Table 114. Deren Electronic 800V Silicon Carbide On-Board Charger Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 115. Deren Electronic Main Business

Table 116. Deren Electronic Latest Developments

Table 117. Inpower Electric Basic Information, 800V Silicon Carbide On-Board Charger Manufacturing Base, Sales Area and Its Competitors

Table 118. Inpower Electric 800V Silicon Carbide On-Board Charger Product Portfolios and Specifications

Table 119. Inpower Electric 800V Silicon Carbide On-Board Charger Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 120. Inpower Electric Main Business

Table 121. Inpower Electric Latest Developments

Table 122. Dilong Technology Basic Information, 800V Silicon Carbide On-Board Charger Manufacturing Base, Sales Area and Its Competitors

Table 123. Dilong Technology 800V Silicon Carbide On-Board Charger Product Portfolios and Specifications

Table 124. Dilong Technology 800V Silicon Carbide On-Board Charger Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 125. Dilong Technology Main Business

Table 126. Dilong Technology Latest Developments

br>

List Of Figures

LIST OF FIGURES

Figure 1. Picture of 800V Silicon Carbide On-Board Charger

Figure 2. 800V Silicon Carbide On-Board Charger Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global 800V Silicon Carbide On-Board Charger Sales Growth Rate 2019-2030 (Units)

Figure 7. Global 800V Silicon Carbide On-Board Charger Revenue Growth Rate 2019-2030 (\$ millions)

Figure 8. 800V Silicon Carbide On-Board Charger Sales by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Figure 9. 800V Silicon Carbide On-Board Charger Sales Market Share by Country/Region (2023)

Figure 10. 800V Silicon Carbide On-Board Charger Sales Market Share by Country/Region (2019, 2023 & 2030)

Figure 11. Product Picture of Unidirectional

Figure 12. Product Picture of Bidirectional

Figure 13. Global 800V Silicon Carbide On-Board Charger Sales Market Share by Type in 2023

Figure 14. Global 800V Silicon Carbide On-Board Charger Revenue Market Share by Type (2019-2024)

Figure 15. 800V Silicon Carbide On-Board Charger Consumed in Commercial Vehicle

Figure 16. Global 800V Silicon Carbide On-Board Charger Market: Commercial Vehicle (2019-2024) & (Units)

Figure 17. 800V Silicon Carbide On-Board Charger Consumed in Passenger Vehicle

Figure 18. Global 800V Silicon Carbide On-Board Charger Market: Passenger Vehicle (2019-2024) & (Units)

Figure 19. Global 800V Silicon Carbide On-Board Charger Sale Market Share by Application (2023)

Figure 20. Global 800V Silicon Carbide On-Board Charger Revenue Market Share by Application in 2023

Figure 21. 800V Silicon Carbide On-Board Charger Sales by Company in 2023 (Units)

Figure 22. Global 800V Silicon Carbide On-Board Charger Sales Market Share by Company in 2023

Figure 23. 800V Silicon Carbide On-Board Charger Revenue by Company in 2023 (\$

millions)

Figure 24. Global 800V Silicon Carbide On-Board Charger Revenue Market Share by Company in 2023

Figure 25. Global 800V Silicon Carbide On-Board Charger Sales Market Share by Geographic Region (2019-2024)

Figure 26. Global 800V Silicon Carbide On-Board Charger Revenue Market Share by Geographic Region in 2023

Figure 27. Americas 800V Silicon Carbide On-Board Charger Sales 2019-2024 (Units)

Figure 28. Americas 800V Silicon Carbide On-Board Charger Revenue 2019-2024 (\$ millions)

Figure 29. APAC 800V Silicon Carbide On-Board Charger Sales 2019-2024 (Units)

Figure 30. APAC 800V Silicon Carbide On-Board Charger Revenue 2019-2024 (\$ millions)

Figure 31. Europe 800V Silicon Carbide On-Board Charger Sales 2019-2024 (Units)

Figure 32. Europe 800V Silicon Carbide On-Board Charger Revenue 2019-2024 (\$ millions)

Figure 33. Middle East & Africa 800V Silicon Carbide On-Board Charger Sales 2019-2024 (Units)

Figure 34. Middle East & Africa 800V Silicon Carbide On-Board Charger Revenue 2019-2024 (\$ millions)

Figure 35. Americas 800V Silicon Carbide On-Board Charger Sales Market Share by Country in 2023

Figure 36. Americas 800V Silicon Carbide On-Board Charger Revenue Market Share by Country (2019-2024)

Figure 37. Americas 800V Silicon Carbide On-Board Charger Sales Market Share by Type (2019-2024)

Figure 38. Americas 800V Silicon Carbide On-Board Charger Sales Market Share by Application (2019-2024)

Figure 39. United States 800V Silicon Carbide On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 40. Canada 800V Silicon Carbide On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 41. Mexico 800V Silicon Carbide On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 42. Brazil 800V Silicon Carbide On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 43. APAC 800V Silicon Carbide On-Board Charger Sales Market Share by Region in 2023

Figure 44. APAC 800V Silicon Carbide On-Board Charger Revenue Market Share by

Region (2019-2024)

Figure 45. APAC 800V Silicon Carbide On-Board Charger Sales Market Share by Type (2019-2024)

Figure 46. APAC 800V Silicon Carbide On-Board Charger Sales Market Share by Application (2019-2024)

Figure 47. China 800V Silicon Carbide On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 48. Japan 800V Silicon Carbide On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 49. South Korea 800V Silicon Carbide On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 50. Southeast Asia 800V Silicon Carbide On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 51. India 800V Silicon Carbide On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 52. Australia 800V Silicon Carbide On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 53. China Taiwan 800V Silicon Carbide On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 54. Europe 800V Silicon Carbide On-Board Charger Sales Market Share by Country in 2023

Figure 55. Europe 800V Silicon Carbide On-Board Charger Revenue Market Share by Country (2019-2024)

Figure 56. Europe 800V Silicon Carbide On-Board Charger Sales Market Share by Type (2019-2024)

Figure 57. Europe 800V Silicon Carbide On-Board Charger Sales Market Share by Application (2019-2024)

Figure 58. Germany 800V Silicon Carbide On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 59. France 800V Silicon Carbide On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 60. UK 800V Silicon Carbide On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 61. Italy 800V Silicon Carbide On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 62. Russia 800V Silicon Carbide On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 63. Middle East & Africa 800V Silicon Carbide On-Board Charger Sales Market Share by Country (2019-2024)

Figure 64. Middle East & Africa 800V Silicon Carbide On-Board Charger Sales Market Share by Type (2019-2024)

Figure 65. Middle East & Africa 800V Silicon Carbide On-Board Charger Sales Market Share by Application (2019-2024)

Figure 66. Egypt 800V Silicon Carbide On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 67. South Africa 800V Silicon Carbide On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 68. Israel 800V Silicon Carbide On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 69. Turkey 800V Silicon Carbide On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 70. GCC Countries 800V Silicon Carbide On-Board Charger Revenue Growth 2019-2024 (\$ millions)

Figure 71. Manufacturing Cost Structure Analysis of 800V Silicon Carbide On-Board Charger in 2023

Figure 72. Manufacturing Process Analysis of 800V Silicon Carbide On-Board Charger

Figure 73. Industry Chain Structure of 800V Silicon Carbide On-Board Charger

Figure 74. Channels of Distribution

Figure 75. Global 800V Silicon Carbide On-Board Charger Sales Market Forecast by Region (2025-2030)

Figure 76. Global 800V Silicon Carbide On-Board Charger Revenue Market Share Forecast by Region (2025-2030)

Figure 77. Global 800V Silicon Carbide On-Board Charger Sales Market Share Forecast by Type (2025-2030)

Figure 78. Global 800V Silicon Carbide On-Board Charger Revenue Market Share Forecast by Type (2025-2030)

Figure 79. Global 800V Silicon Carbide On-Board Charger Sales Market Share Forecast by Application (2025-2030)

Figure 80. Global 800V Silicon Carbide On-Board Charger Revenue Market Share Forecast by Application (2025-2030)

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