

Global Silicon Carbide Battery Production, Demand and Key Producers, 2022-2028

<https://marketpublishers.com/r/GB7B24357C8DEN.html>

Date: December 2022

Pages: 123

Price: US\$ 4,480.00 (Single User License)

ID: GB7B24357C8DEN

Abstracts

Silicon carbide EV modules are power modules that use silicon carbide semiconductors as switches. Silicon carbide power modules are used to convert electrical energy with high conversion efficiency - power is the product of current and voltage. Why silicon carbide (SiC) power modules are preferred for specific applications. The wide band gap of silicon carbide semiconductors allows for extremely low switching losses when used in MOSFETs, thus allowing for higher switching frequencies than with ordinary silicon devices.

This report studies the global Silicon Carbide Battery production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Silicon Carbide Battery, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2021 as the base year. This report explores demand trends and competition, as well as details the characteristics of Silicon Carbide Battery that contribute to its increasing demand across many markets.

The global Silicon Carbide Battery market size is expected to reach \$ million by 2028, rising at a market growth of % CAGR during the forecast period (2022-2028).

Highlights and key features of the study

Global Silicon Carbide Battery total production and demand, 2017-2028, (Units)

Global Silicon Carbide Battery total production value, 2017-2028, (USD Million)

Global Silicon Carbide Battery production by region & country, production, value, CAGR, 2017-2028, (USD Million) & (Units)

Global Silicon Carbide Battery consumption by region & country, CAGR, 2017-2028 & (Units)

U.S. VS China: Silicon Carbide Battery domestic production, consumption, key domestic manufacturers and share

Global Silicon Carbide Battery production by manufacturer, production, price, value and market share 2017-2022, (USD Million) & (Units)

Global Silicon Carbide Battery production by Type, production, value, CAGR, 2017-2028, (USD Million) & (Units)

Global Silicon Carbide Battery production by Application production, value, CAGR, 2017-2028, (USD Million) & (Units)

This reports profiles key players in the global Silicon Carbide Battery market based on the following parameters – headquarters, production locations, products portfolio, Silicon Carbide Battery revenue, sales, average price and gross margin, recent developments.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Silicon Carbide Battery market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2017-2028 by year with 2021 as the base year, 2022 as the estimate year, and 2028 as the forecast year.

Global Silicon Carbide Battery Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Global Silicon Carbide Battery Market, Segmentation by Type

One-Sided

Double-Sided

Global Silicon Carbide Battery Market, Segmentation by Application

Mechanical Engineering

Automotive Industry

Aerospace

Oil And Gas

Chemical Industry

Medical Technology

Electrical Industry

Companies Profiled:

Alpha Power Solutions (APS)

Avnet, Inc.

Bosch

CIL

Cisoid

Coherent Corp.

Hitachi Energy Ltd

Infineon

Kallex Company Ltd

Marelli

On Semi

ROHM

Wolfspeed

Showa Denko

Episil Holding Inc

Key Questions Answered

1. How big is the global Silicon Carbide Battery market?
2. What is the demand of the global Silicon Carbide Battery market?

3. What is the year over year growth of the global Silicon Carbide Battery market?
4. What is the production and production value of the global Silicon Carbide Battery market?
5. Who are the key producers in the global Silicon Carbide Battery market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Silicon Carbide Battery Introduction
- 1.2 World Silicon Carbide Battery Supply & Forecast
 - 1.2.1 World Silicon Carbide Battery Production Value (2017 & 2021 & 2028)
 - 1.2.2 World Silicon Carbide Battery Production (2017-2028)
 - 1.2.3 World Silicon Carbide Battery Pricing Trends (2017-2028)
- 1.3 World Silicon Carbide Battery Production by Region
 - 1.3.1 World Silicon Carbide Battery Production Value by Region (2017-2028)
 - 1.3.2 World Silicon Carbide Battery Production by Region (2017-2028)
 - 1.3.3 World Silicon Carbide Battery Average Price by Region (2017-2028)
 - 1.3.4 North America Silicon Carbide Battery Production (2017-2028)
 - 1.3.5 Europe Silicon Carbide Battery Production (2017-2028)
 - 1.3.6 China Silicon Carbide Battery Production (2017-2028)
 - 1.3.7 Japan Silicon Carbide Battery Production (2017-2028)
 - 1.3.8 South Korea Silicon Carbide Battery Production (2017-2028)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Silicon Carbide Battery Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Silicon Carbide Battery Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
 - 1.5.1 Influence of COVID-19
 - 1.5.2 Influence of Russia-Ukraine War

2 DEMAND SUMMARY

- 2.1 World Silicon Carbide Battery Demand (2017-2028)
- 2.2 World Silicon Carbide Battery Consumption by Region
 - 2.2.1 World Silicon Carbide Battery Consumption by Region (2017-2022)
 - 2.2.2 World Silicon Carbide Battery Consumption Forecast by Region (2023-2028)
- 2.3 United States Silicon Carbide Battery Consumption (2017-2028)
- 2.4 China Silicon Carbide Battery Consumption (2017-2028)
- 2.5 Europe Silicon Carbide Battery Consumption (2017-2028)
- 2.6 Japan Silicon Carbide Battery Consumption (2017-2028)
- 2.7 South Korea Silicon Carbide Battery Consumption (2017-2028)
- 2.8 ASEAN Silicon Carbide Battery Consumption (2017-2028)
- 2.9 India Silicon Carbide Battery Consumption (2017-2028)

3 WORLD SILICON CARBIDE BATTERY MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Silicon Carbide Battery Production Value by Manufacturer (2017-2022)
- 3.2 World Silicon Carbide Battery Production by Manufacturer (2017-2022)
- 3.3 World Silicon Carbide Battery Average Price by Manufacturer (2017-2022)
- 3.4 Silicon Carbide Battery Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Silicon Carbide Battery Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Silicon Carbide Battery in 2021
 - 3.5.3 Global Concentration Ratios (CR8) for Silicon Carbide Battery in 2021
- 3.6 Silicon Carbide Battery Market: Overall Company Footprint Analysis
 - 3.6.1 Silicon Carbide Battery Market: Region Footprint
 - 3.6.2 Silicon Carbide Battery Market: Company Product Type Footprint
 - 3.6.3 Silicon Carbide Battery Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Silicon Carbide Battery Production Value Comparison
 - 4.1.1 United States VS China: Silicon Carbide Battery Production Value Comparison (2017 & 2021 & 2028)
 - 4.1.2 United States VS China: Silicon Carbide Battery Production Value Market Share Comparison (2017 & 2021 & 2028)
- 4.2 United States VS China: Silicon Carbide Battery Production Comparison
 - 4.2.1 United States VS China: Silicon Carbide Battery Production Comparison (2017 & 2021 & 2028)
 - 4.2.2 United States VS China: Silicon Carbide Battery Production Market Share Comparison (2017 & 2021 & 2028)
- 4.3 United States VS China: Silicon Carbide Battery Consumption Comparison
 - 4.3.1 United States VS China: Silicon Carbide Battery Consumption Comparison (2017 & 2021 & 2028)
 - 4.3.2 United States VS China: Silicon Carbide Battery Consumption Market Share

Comparison (2017 & 2021 & 2028)

4.4 United States Silicon Carbide Battery Key Producers and Market Share, 2017-2022

4.4.1 Major Manufacturer of Silicon Carbide Battery in United States, Company Headquarters and Production Place (States, Country)

4.4.2 United States Silicon Carbide Battery Production Value by Domestic Manufacturer, (2017-2022)

4.4.3 United States Silicon Carbide Battery Production by Domestic Manufacturer, (2017-2022)

4.5 China Silicon Carbide Battery Key Producers and Market Share, 2017-2022

4.5.1 Major Manufacturer of Silicon Carbide Battery in China, Company Headquarters and Production Place (Province, Country)

4.5.2 China Silicon Carbide Battery Production Value by Domestic Manufacturer, (2017-2022)

4.5.3 China Silicon Carbide Battery Production by Domestic Manufacturer, (2017-2022)

4.6 Rest of World Silicon Carbide Battery Key Producers and Market Share, 2017-2022

4.6.1 Major Manufacturer of Silicon Carbide Battery in Rest of World, Company Headquarters and Production Place (State, Country)

4.6.2 Rest of World Silicon Carbide Battery Production Value by Domestic Manufacturer, (2017-2022)

4.6.3 Rest of World Silicon Carbide Battery Production by Domestic Manufacturer, (2017-2022)

5 MARKET ANALYSIS BY TYPE

5.1 World Silicon Carbide Battery Market Size Overview by Type: 2017 VS 2021 VS 2028

5.2 Segment Introduction by Type

5.2.1 One-Sided

5.2.2 Double-Sided

5.3 Market Segment by Type

5.3.1 World Silicon Carbide Battery Production by Type (2017-2028)

5.3.2 World Silicon Carbide Battery Production Value by Type (2017-2028)

5.3.3 World Silicon Carbide Battery Average Price by Type (2017-2028)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Silicon Carbide Battery Market Size Overview by Application: 2017 VS 2021 VS 2028

6.2 Segment Introduction by Application

6.2.1 Mechanical Engineering

6.2.2 Automotive Industry

6.2.3 Aerospace

6.2.4 Oil And Gas

6.2.5 Chemical Industry

6.2.6 Medical Technology

6.2.7 Electrical Industry

6.3 Market Segment by Application

6.3.1 World Silicon Carbide Battery Production by Application (2017-2028)

6.3.2 World Silicon Carbide Battery Production Value by Application (2017-2028)

6.3.3 World Silicon Carbide Battery Average Price by Application (2017-2028)

7 COMPANY PROFILES

7.1 Alpha Power Solutions (APS)

7.1.1 Alpha Power Solutions (APS) Details

7.1.2 Alpha Power Solutions (APS) Major Business

7.1.3 Alpha Power Solutions (APS) Silicon Carbide Battery Product and Services

7.1.4 Alpha Power Solutions (APS) Silicon Carbide Battery Production, Price, Value, Gross Margin and Market Share (2017-2022)

7.1.5 Alpha Power Solutions (APS) Recent Developments/Updates

7.1.6 Alpha Power Solutions (APS) Competitive Strengths & Weaknesses

7.2 Avnet, Inc.

7.2.1 Avnet, Inc. Details

7.2.2 Avnet, Inc. Major Business

7.2.3 Avnet, Inc. Silicon Carbide Battery Product and Services

7.2.4 Avnet, Inc. Silicon Carbide Battery Production, Price, Value, Gross Margin and Market Share (2017-2022)

7.2.5 Avnet, Inc. Recent Developments/Updates

7.2.6 Avnet, Inc. Competitive Strengths & Weaknesses

7.3 Bosch

7.3.1 Bosch Details

7.3.2 Bosch Major Business

7.3.3 Bosch Silicon Carbide Battery Product and Services

7.3.4 Bosch Silicon Carbide Battery Production, Price, Value, Gross Margin and Market Share (2017-2022)

7.3.5 Bosch Recent Developments/Updates

7.3.6 Bosch Competitive Strengths & Weaknesses

7.4 CIL

7.4.1 CIL Details

7.4.2 CIL Major Business

7.4.3 CIL Silicon Carbide Battery Product and Services

7.4.4 CIL Silicon Carbide Battery Production, Price, Value, Gross Margin and Market Share (2017-2022)

7.4.5 CIL Recent Developments/Updates

7.4.6 CIL Competitive Strengths & Weaknesses

7.5 Cissoid

7.5.1 Cissoid Details

7.5.2 Cissoid Major Business

7.5.3 Cissoid Silicon Carbide Battery Product and Services

7.5.4 Cissoid Silicon Carbide Battery Production, Price, Value, Gross Margin and Market Share (2017-2022)

7.5.5 Cissoid Recent Developments/Updates

7.5.6 Cissoid Competitive Strengths & Weaknesses

7.6 Coherent Corp.

7.6.1 Coherent Corp. Details

7.6.2 Coherent Corp. Major Business

7.6.3 Coherent Corp. Silicon Carbide Battery Product and Services

7.6.4 Coherent Corp. Silicon Carbide Battery Production, Price, Value, Gross Margin and Market Share (2017-2022)

7.6.5 Coherent Corp. Recent Developments/Updates

7.6.6 Coherent Corp. Competitive Strengths & Weaknesses

7.7 Hitachi Energy Ltd

7.7.1 Hitachi Energy Ltd Details

7.7.2 Hitachi Energy Ltd Major Business

7.7.3 Hitachi Energy Ltd Silicon Carbide Battery Product and Services

7.7.4 Hitachi Energy Ltd Silicon Carbide Battery Production, Price, Value, Gross Margin and Market Share (2017-2022)

7.7.5 Hitachi Energy Ltd Recent Developments/Updates

7.7.6 Hitachi Energy Ltd Competitive Strengths & Weaknesses

7.8 Infineon

7.8.1 Infineon Details

7.8.2 Infineon Major Business

7.8.3 Infineon Silicon Carbide Battery Product and Services

7.8.4 Infineon Silicon Carbide Battery Production, Price, Value, Gross Margin and Market Share (2017-2022)

7.8.5 Infineon Recent Developments/Updates

- 7.8.6 Infineon Competitive Strengths & Weaknesses
- 7.9 Kallex Company Ltd
 - 7.9.1 Kallex Company Ltd Details
 - 7.9.2 Kallex Company Ltd Major Business
 - 7.9.3 Kallex Company Ltd Silicon Carbide Battery Product and Services
 - 7.9.4 Kallex Company Ltd Silicon Carbide Battery Production, Price, Value, Gross Margin and Market Share (2017-2022)
 - 7.9.5 Kallex Company Ltd Recent Developments/Updates
 - 7.9.6 Kallex Company Ltd Competitive Strengths & Weaknesses
- 7.10 Marelli
 - 7.10.1 Marelli Details
 - 7.10.2 Marelli Major Business
 - 7.10.3 Marelli Silicon Carbide Battery Product and Services
 - 7.10.4 Marelli Silicon Carbide Battery Production, Price, Value, Gross Margin and Market Share (2017-2022)
 - 7.10.5 Marelli Recent Developments/Updates
 - 7.10.6 Marelli Competitive Strengths & Weaknesses
- 7.11 On Semi
 - 7.11.1 On Semi Details
 - 7.11.2 On Semi Major Business
 - 7.11.3 On Semi Silicon Carbide Battery Product and Services
 - 7.11.4 On Semi Silicon Carbide Battery Production, Price, Value, Gross Margin and Market Share (2017-2022)
 - 7.11.5 On Semi Recent Developments/Updates
 - 7.11.6 On Semi Competitive Strengths & Weaknesses
- 7.12 ROHM
 - 7.12.1 ROHM Details
 - 7.12.2 ROHM Major Business
 - 7.12.3 ROHM Silicon Carbide Battery Product and Services
 - 7.12.4 ROHM Silicon Carbide Battery Production, Price, Value, Gross Margin and Market Share (2017-2022)
 - 7.12.5 ROHM Recent Developments/Updates
 - 7.12.6 ROHM Competitive Strengths & Weaknesses
- 7.13 Wolfspeed
 - 7.13.1 Wolfspeed Details
 - 7.13.2 Wolfspeed Major Business
 - 7.13.3 Wolfspeed Silicon Carbide Battery Product and Services
 - 7.13.4 Wolfspeed Silicon Carbide Battery Production, Price, Value, Gross Margin and Market Share (2017-2022)

- 7.13.5 Wolfspeed Recent Developments/Updates
- 7.13.6 Wolfspeed Competitive Strengths & Weaknesses
- 7.14 Showa Denko
 - 7.14.1 Showa Denko Details
 - 7.14.2 Showa Denko Major Business
 - 7.14.3 Showa Denko Silicon Carbide Battery Product and Services
 - 7.14.4 Showa Denko Silicon Carbide Battery Production, Price, Value, Gross Margin and Market Share (2017-2022)
 - 7.14.5 Showa Denko Recent Developments/Updates
 - 7.14.6 Showa Denko Competitive Strengths & Weaknesses
- 7.15 Episil Holding Inc
 - 7.15.1 Episil Holding Inc Details
 - 7.15.2 Episil Holding Inc Major Business
 - 7.15.3 Episil Holding Inc Silicon Carbide Battery Product and Services
 - 7.15.4 Episil Holding Inc Silicon Carbide Battery Production, Price, Value, Gross Margin and Market Share (2017-2022)
 - 7.15.5 Episil Holding Inc Recent Developments/Updates
 - 7.15.6 Episil Holding Inc Competitive Strengths & Weaknesses

8 RAW MATERIAL AND INDUSTRY CHAIN

- 8.1 Raw Material of Silicon Carbide Battery and Key Manufacturers
- 8.2 Silicon Carbide Battery Manufacturing Costs
- 8.3 Silicon Carbide Battery Production Process
- 8.4 Silicon Carbide Battery Industrial Chain

9 DISTRIBUTION CHANNEL ANALYSIS

- 9.1 Distribution Channel Breakdown for Silicon Carbide Battery Shipments (%): 2017-2028
 - 9.1.1 Direct Channel
 - 9.1.2 Indirect Channel
- 9.2 Silicon Carbide Battery Typical Distributors
- 9.3 Silicon Carbide Battery Typical Customers

10 RESEARCH FINDINGS AND CONCLUSION

11 APPENDIX

11.1 Methodology

11.2 Research Process and Data Source

11.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Silicon Carbide Battery Production Value by Region (2017, 2022 and 2028) & (USD Million)

Table 2. World Silicon Carbide Battery Production Value by Region (2017-2022) & (USD Million)

Table 3. World Silicon Carbide Battery Production Value by Region (2023-2028) & (USD Million)

Table 4. World Silicon Carbide Battery Production Value Market Share by Region (2017-2022)

Table 5. World Silicon Carbide Battery Production Value Market Share by Region (2023-2028)

Table 6. World Silicon Carbide Battery Production by Region (2017-2022) & (Units)

Table 7. World Silicon Carbide Battery Production by Region (2023-2028) & (Units)

Table 8. World Silicon Carbide Battery Production Market Share by Region (2017-2022)

Table 9. World Silicon Carbide Battery Production Market Share by Region (2023-2028)

Table 10. World Silicon Carbide Battery Average Price by Region (2017-2022) & (US\$/Unit)

Table 11. World Silicon Carbide Battery Average Price by Region (2023-2028) & (US\$/Unit)

Table 12. Silicon Carbide Battery Major Market Trends

Table 13. World Silicon Carbide Battery Consumption Growth Rate Forecast by Region (2017 & 2021 & 2028) & (Units)

Table 14. World Silicon Carbide Battery Consumption by Region (2017-2022) & (Units)

Table 15. World Silicon Carbide Battery Consumption Forecast by Region (2023-2028) & (Units)

Table 16. World Silicon Carbide Battery Production Value by Manufacturer (2017-2022) & (USD Million)

Table 17. Production Value Market Share of Key Silicon Carbide Battery Producers in 2021

Table 18. World Silicon Carbide Battery Production by Manufacturer (2017-2022) & (Units)

Table 19. Production Market Share of Key Silicon Carbide Battery Producers in 2021

Table 20. World Silicon Carbide Battery Average Price by Manufacturer (2017-2022) & (US\$/Unit)

Table 21. Global Silicon Carbide Battery Company Evaluation Quadrant

Table 22. World Silicon Carbide Battery Industry Rank of Major Manufacturers, Based

on Production Value in 2021

Table 23. Head Office and Silicon Carbide Battery Production Site of Key Manufacturer

Table 24. Silicon Carbide Battery Market: Company Product Type Footprint

Table 25. Silicon Carbide Battery Market: Company Product Application Footprint

Table 26. Silicon Carbide Battery Competitive Factors

Table 27. Silicon Carbide Battery New Entrant and Capacity Expansion Plans

Table 28. Silicon Carbide Battery Mergers & Acquisitions Activity

Table 29. United States VS China Silicon Carbide Battery Production Value Comparison, (2017 & 2021 & 2028) & (USD Million)

Table 30. United States VS China Silicon Carbide Battery Production Comparison, (2017 & 2021 & 2028) & (Units)

Table 31. United States VS China Silicon Carbide Battery Consumption Comparison, (2017 & 2021 & 2028) & (Units)

Table 32. Major Manufacturer of Silicon Carbide Battery in United States, Company Headquarters and Production Place (States, Country)

Table 33. United States Silicon Carbide Battery Production Value by Domestic Manufacturer, (2017-2022) & (USD Million)

Table 34. United States Silicon Carbide Battery Production Value Market Share by Domestic Manufacturer, (2017-2022)

Table 35. United States Silicon Carbide Battery Production by Domestic Manufacturer, (2017-2022) & (Units)

Table 36. United States Silicon Carbide Battery Production Market Share by Domestic Manufacturer, (2017-2022)

Table 37. Major Manufacturer of Silicon Carbide Battery in China, Company Headquarters and Production Place (Province, Country)

Table 38. China Silicon Carbide Battery Production Value by Domestic Manufacturer, (2017-2022) & (USD Million)

Table 39. China Silicon Carbide Battery Production Value Market Share by Domestic Manufacturer, (2017-2022)

Table 40. China Silicon Carbide Battery Production by Domestic Manufacturer, (2017-2022) & (Units)

Table 41. China Silicon Carbide Battery Production Market Share by Domestic Manufacturer, (2017-2022)

Table 42. Major Manufacturer of Silicon Carbide Battery in Rest of World, Company Headquarters and Production Place (State, Country)

Table 43. Rest of World Silicon Carbide Battery Production Value by Domestic Manufacturer, (2017-2022) & (USD Million)

Table 44. Rest of World Silicon Carbide Battery Production Value Market Share by Domestic Manufacturer, (2017-2022)

Table 45. Rest of World Silicon Carbide Battery Production by Domestic Manufacturer, (2017-2022) & (Units)

Table 46. Rest of World Silicon Carbide Battery Production Market Share by Domestic Manufacturer, (2017-2022)

Table 47. World Silicon Carbide Battery Production Value by Type, (USD Million), 2017 & 2021 & 2028

Table 48. World Silicon Carbide Battery Production by Type (2017-2022) & (Units)

Table 49. World Silicon Carbide Battery Production by Type (2023-2028) & (Units)

Table 50. World Silicon Carbide Battery Production Value by Type (2017-2022) & (USD Million)

Table 51. World Silicon Carbide Battery Production Value by Type (2023-2028) & (USD Million)

Table 52. World Silicon Carbide Battery Average Price by Type (2017-2022) & (US\$/Unit)

Table 53. World Silicon Carbide Battery Average Price by Type (2023-2028) & (US\$/Unit)

Table 54. World Silicon Carbide Battery Production Value by Application, (USD Million), 2017 & 2021 & 2028

Table 55. World Silicon Carbide Battery Production by Application (2017-2022) & (Units)

Table 56. World Silicon Carbide Battery Production by Application (2023-2028) & (Units)

Table 57. World Silicon Carbide Battery Production Value by Application (2017-2022) & (USD Million)

Table 58. World Silicon Carbide Battery Production Value by Application (2023-2028) & (USD Million)

Table 59. World Silicon Carbide Battery Average Price by Application (2017-2022) & (US\$/Unit)

Table 60. World Silicon Carbide Battery Average Price by Application (2023-2028) & (US\$/Unit)

Table 61. Alpha Power Solutions (APS) Basic Information, Manufacturing Base and Competitors

Table 62. Alpha Power Solutions (APS) Major Business

Table 63. Alpha Power Solutions (APS) Silicon Carbide Battery Product and Services

Table 64. Alpha Power Solutions (APS) Silicon Carbide Battery Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 65. Alpha Power Solutions (APS) Recent Developments/Updates

Table 66. Alpha Power Solutions (APS) Competitive Strengths & Weaknesses

Table 67. Avnet, Inc. Basic Information, Manufacturing Base and Competitors

Table 68. Avnet, Inc. Major Business

Table 69. Avnet, Inc. Silicon Carbide Battery Product and Services
Table 70. Avnet, Inc. Silicon Carbide Battery Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)
Table 71. Avnet, Inc. Recent Developments/Updates
Table 72. Avnet, Inc. Competitive Strengths & Weaknesses
Table 73. Bosch Basic Information, Manufacturing Base and Competitors
Table 74. Bosch Major Business
Table 75. Bosch Silicon Carbide Battery Product and Services
Table 76. Bosch Silicon Carbide Battery Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)
Table 77. Bosch Recent Developments/Updates
Table 78. Bosch Competitive Strengths & Weaknesses
Table 79. CIL Basic Information, Manufacturing Base and Competitors
Table 80. CIL Major Business
Table 81. CIL Silicon Carbide Battery Product and Services
Table 82. CIL Silicon Carbide Battery Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)
Table 83. CIL Recent Developments/Updates
Table 84. CIL Competitive Strengths & Weaknesses
Table 85. Cissoid Basic Information, Manufacturing Base and Competitors
Table 86. Cissoid Major Business
Table 87. Cissoid Silicon Carbide Battery Product and Services
Table 88. Cissoid Silicon Carbide Battery Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)
Table 89. Cissoid Recent Developments/Updates
Table 90. Cissoid Competitive Strengths & Weaknesses
Table 91. Coherent Corp. Basic Information, Manufacturing Base and Competitors
Table 92. Coherent Corp. Major Business
Table 93. Coherent Corp. Silicon Carbide Battery Product and Services
Table 94. Coherent Corp. Silicon Carbide Battery Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)
Table 95. Coherent Corp. Recent Developments/Updates
Table 96. Coherent Corp. Competitive Strengths & Weaknesses
Table 97. Hitachi Energy Ltd Basic Information, Manufacturing Base and Competitors
Table 98. Hitachi Energy Ltd Major Business
Table 99. Hitachi Energy Ltd Silicon Carbide Battery Product and Services
Table 100. Hitachi Energy Ltd Silicon Carbide Battery Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 101.	Hitachi Energy Ltd Recent Developments/Updates
Table 102.	Hitachi Energy Ltd Competitive Strengths & Weaknesses
Table 103.	Infineon Basic Information, Manufacturing Base and Competitors
Table 104.	Infineon Major Business
Table 105.	Infineon Silicon Carbide Battery Product and Services
Table 106.	Infineon Silicon Carbide Battery Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)
Table 107.	Infineon Recent Developments/Updates
Table 108.	Infineon Competitive Strengths & Weaknesses
Table 109.	Kallex Company Ltd Basic Information, Manufacturing Base and Competitors
Table 110.	Kallex Company Ltd Major Business
Table 111.	Kallex Company Ltd Silicon Carbide Battery Product and Services
Table 112.	Kallex Company Ltd Silicon Carbide Battery Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)
Table 113.	Kallex Company Ltd Recent Developments/Updates
Table 114.	Kallex Company Ltd Competitive Strengths & Weaknesses
Table 115.	Marelli Basic Information, Manufacturing Base and Competitors
Table 116.	Marelli Major Business
Table 117.	Marelli Silicon Carbide Battery Product and Services
Table 118.	Marelli Silicon Carbide Battery Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)
Table 119.	Marelli Recent Developments/Updates
Table 120.	Marelli Competitive Strengths & Weaknesses
Table 121.	On Semi Basic Information, Manufacturing Base and Competitors
Table 122.	On Semi Major Business
Table 123.	On Semi Silicon Carbide Battery Product and Services
Table 124.	On Semi Silicon Carbide Battery Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)
Table 125.	On Semi Recent Developments/Updates
Table 126.	On Semi Competitive Strengths & Weaknesses
Table 127.	ROHM Basic Information, Manufacturing Base and Competitors
Table 128.	ROHM Major Business
Table 129.	ROHM Silicon Carbide Battery Product and Services
Table 130.	ROHM Silicon Carbide Battery Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)
Table 131.	ROHM Recent Developments/Updates
Table 132.	ROHM Competitive Strengths & Weaknesses

Table 133. Wolfspeed Basic Information, Manufacturing Base and Competitors

Table 134. Wolfspeed Major Business

Table 135. Wolfspeed Silicon Carbide Battery Product and Services

Table 136. Wolfspeed Silicon Carbide Battery Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 137. Wolfspeed Recent Developments/Updates

Table 138. Wolfspeed Competitive Strengths & Weaknesses

Table 139. Showa Denko Basic Information, Manufacturing Base and Competitors

Table 140. Showa Denko Major Business

Table 141. Showa Denko Silicon Carbide Battery Product and Services

Table 142. Showa Denko Silicon Carbide Battery Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 143. Showa Denko Recent Developments/Updates

Table 144. Episil Holding Inc Basic Information, Manufacturing Base and Competitors

Table 145. Episil Holding Inc Major Business

Table 146. Episil Holding Inc Silicon Carbide Battery Product and Services

Table 147. Episil Holding Inc Silicon Carbide Battery Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 148. Silicon Carbide Battery Raw Material

Table 149. Key Manufacturers of Silicon Carbide Battery Raw Materials

Table 150. Silicon Carbide Battery Typical Distributors

Table 151. Silicon Carbide Battery Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Silicon Carbide Battery Picture

Figure 2. World Silicon Carbide Battery Production Value: 2017 & 2021 & 2028, (USD Million)

Figure 3. World Silicon Carbide Battery Production Value and Forecast (2017-2028) & (USD Million)

Figure 4. World Silicon Carbide Battery Production (2017-2028) & (Units)

Figure 5. World Silicon Carbide Battery Average Price (2017-2028) & (US\$/Unit)

Figure 6. World Silicon Carbide Battery Production Value Market Share by Region (2017-2028)

Figure 7. World Silicon Carbide Battery Production Market Share by Region (2017-2028)

Figure 8. North America Silicon Carbide Battery Production (2017-2028) & (Units)

Figure 9. Europe Silicon Carbide Battery Production (2017-2028) & (Units)

Figure 10. China Silicon Carbide Battery Production (2017-2028) & (Units)

Figure 11. Japan Silicon Carbide Battery Production (2017-2028) & (Units)

Figure 12. South Korea Silicon Carbide Battery Production (2017-2028) & (Units)

Figure 13. Silicon Carbide Battery Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Silicon Carbide Battery Demand (2017-2028) & (Units)

Figure 16. World Silicon Carbide Battery Consumption Market Share by Region (2017-2028)

Figure 17. United States Silicon Carbide Battery Consumption (2017-2028) & (Units)

Figure 18. China Silicon Carbide Battery Consumption (2017-2028) & (Units)

Figure 19. Europe Silicon Carbide Battery Consumption (2017-2028) & (Units)

Figure 20. Japan Silicon Carbide Battery Consumption (2017-2028) & (Units)

Figure 21. South Korea Silicon Carbide Battery Consumption (2017-2028) & (Units)

Figure 22. ASEAN Silicon Carbide Battery Consumption (2017-2028) & (Units)

Figure 23. India Silicon Carbide Battery Consumption (2017-2028) & (Units)

Figure 24. Producer Shipments of Silicon Carbide Battery by Manufacturer Revenue (\$MM) and Market Share (%): 2021

Figure 25. Global Four-firm Concentration Ratios (CR4) for Silicon Carbide Battery Markets in 2021

Figure 26. Global Four-firm Concentration Ratios (CR8) for Silicon Carbide Battery Markets in 2021

Figure 27. United States VS China: Silicon Carbide Battery Production Value Market

Share Comparison (2017 & 2021 & 2028)

Figure 28. United States VS China: Silicon Carbide Battery Production Market Share Comparison (2017 & 2021 & 2028)

Figure 29. United States VS China: Silicon Carbide Battery Consumption Market Share Comparison (2017 & 2021 & 2028)

Figure 30. Key Producers and Market Share of Silicon Carbide Battery in United States

Figure 31. Key Producers and Market Share of Silicon Carbide Battery in China

Figure 32. Key Producers and Market Share of Silicon Carbide Battery in Rest of World

Figure 33. World Silicon Carbide Battery Production Value by Type, (USD Million), 2017 & 2021 & 2028

Figure 34. World Silicon Carbide Battery Production Value Market Share by Type in 2021

Figure 35. One-Sided

Figure 36. Double-Sided

Figure 37. World Silicon Carbide Battery Production Market Share by Type (2017-2028)

Figure 38. World Silicon Carbide Battery Production Value Market Share by Type (2017-2028)

Figure 39. World Silicon Carbide Battery Average Price by Type (2017-2028) & (US\$/Unit)

Figure 40. World Silicon Carbide Battery Production Value by Application, (USD Million), 2017 & 2021 & 2028

Figure 41. World Silicon Carbide Battery Production Value Market Share by Application in 2021

Figure 42. Mechanical Engineering

Figure 43. Automotive Industry

Figure 44. Aerospace

Figure 45. Oil And Gas

Figure 46. Chemical Industry

Figure 47. Medical Technology

Figure 48. Electrical Industry

Figure 49. World Silicon Carbide Battery Production Market Share by Application (2017-2028)

Figure 50. World Silicon Carbide Battery Production Value Market Share by Application (2017-2028)

Figure 51. World Silicon Carbide Battery Average Price by Application (2017-2028) & (US\$/Unit)

Figure 52. Manufacturing Cost Structure Analysis of Silicon Carbide Battery in 2021

Figure 53. Manufacturing Process Analysis of Silicon Carbide Battery

Figure 54. Silicon Carbide Battery Industrial Chain

Figure 55. Distribution Channel Breakdown for Silicon Carbide Battery Shipments (%):
2017-2028

Figure 56. Direct Channel Pros & Cons

Figure 57. Indirect Channel Pros & Cons

Figure 58. Methodology

Figure 59. Research Process and Data Source

I would like to order

Product name: Global Silicon Carbide Battery Production, Demand and Key Producers, 2022-2028

Product link: <https://marketpublishers.com/r/GB7B24357C8DEN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GB7B24357C8DEN.html>