

Silicon Carbide Inverters Industry Research Report 2025

<https://marketpublishers.com/r/S82F10A3EC25EN.html>

Date: February 2025

Pages: 124

Price: US\$ 2,950.00 (Single User License)

ID: S82F10A3EC25EN

Abstracts

Summary

According to APO Research, The global Silicon Carbide Inverters market was valued at US\$ million in 2024 and is anticipated to reach US\$ million by 2031, witnessing a CAGR of xx% during the forecast period 2025-2031.

North American market for Silicon Carbide Inverters is estimated to increase from \$ million in 2025 to reach \$ million by 2031, at a CAGR of % during the forecast period of 2026 through 2031.

Asia-Pacific market for Silicon Carbide Inverters is estimated to increase from \$ million in 2025 to reach \$ million by 2031, at a CAGR of % during the forecast period of 2025 through 2031.

Europe market for Silicon Carbide Inverters is estimated to increase from \$ million in 2025 to reach \$ million by 2031, at a CAGR of % during the forecast period of 2025 through 2031.

The major global manufacturers of Silicon Carbide Inverters include , etc. In 2024, the world's top three vendors accounted for approximately % of the revenue.

Report Scope

This report aims to provide a comprehensive presentation of the global market for Silicon Carbide Inverters, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze

their position in the current marketplace, and make informed business decisions regarding Silicon Carbide Inverters.

The report will help the Silicon Carbide Inverters manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, sales volume, and average price for the overall market and the sub-segments across the different segments, by company, by Type, by Application, and by regions.

The Silicon Carbide Inverters market size, estimations, and forecasts are provided in terms of sales volume (Units) and revenue (\$ millions), considering 2024 as the base year, with history and forecast data for the period from 2020 to 2031. This report segments the global Silicon Carbide Inverters market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2020-2025. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses.

Silicon Carbide Inverters Segment by Company

ZF

Vitesco Technologies

Valeo

Denso

Delphi Technologies

Bosch

BorgWarner

McLaren Applied

Marelli

Hitachi Astemo

Equipmake

Siemens

ZeroAvia

Silicon Carbide Inverters Segment by Type

400V

800V

Others

Silicon Carbide Inverters Segment by Application

Photovoltaic

Electric Vehicle

Energy Storage

Others

Silicon Carbide Inverters Segment by Region

North America

United States

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Spain

Netherlands

Switzerland

Sweden

Poland

Asia-Pacific

China

Japan

South Korea

India

Australia

Taiwan

Southeast Asia

South America

Brazil

Argentina

Chile

Middle East & Africa

Egypt

South Africa

Israel

Türkiye

GCC Countries

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Silicon Carbide Inverters market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Silicon Carbide Inverters and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Silicon Carbide Inverters.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

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

Chapter 3: Detailed analysis of Silicon Carbide Inverters manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5: Production/output, value of Silicon Carbide Inverters by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6: Consumption of Silicon Carbide Inverters in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11: The main points and conclusions of the report.

Contents

1 PREFACE

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 MARKET OVERVIEW

- 2.1 Product Definition
- 2.2 Silicon Carbide Inverters by Type
 - 2.2.1 Market Value Comparison by Type (2020 VS 2024 VS 2031) & (US\$ Million)
 - 2.2.2 400V
 - 2.2.3 800V
 - 2.2.4 Others
- 2.3 Silicon Carbide Inverters by Application
 - 2.3.1 Market Value Comparison by Application (2020 VS 2024 VS 2031) & (US\$ Million)
 - 2.3.2 Photovoltaic
 - 2.3.3 Electric Vehicle
 - 2.3.4 Energy Storage
 - 2.3.5 Others
- 2.4 Global Market Growth Prospects
 - 2.4.1 Global Silicon Carbide Inverters Production Value Estimates and Forecasts (2020-2031)
 - 2.4.2 Global Silicon Carbide Inverters Production Capacity Estimates and Forecasts (2020-2031)
 - 2.4.3 Global Silicon Carbide Inverters Production Estimates and Forecasts (2020-2031)
 - 2.4.4 Global Silicon Carbide Inverters Market Average Price (2020-2031)

3 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS

- 3.1 Global Silicon Carbide Inverters Production by Manufacturers (2020-2025)

- 3.2 Global Silicon Carbide Inverters Production Value by Manufacturers (2020-2025)
- 3.3 Global Silicon Carbide Inverters Average Price by Manufacturers (2020-2025)
- 3.4 Global Silicon Carbide Inverters Industry Manufacturers Ranking, 2023 VS 2024 VS 2025
- 3.5 Global Silicon Carbide Inverters Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global Silicon Carbide Inverters Manufacturers, Product Type & Application
- 3.7 Global Silicon Carbide Inverters Manufacturers Established Date
- 3.8 Global Silicon Carbide Inverters Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

4 MANUFACTURERS PROFILED

4.1 ZF

- 4.1.1 ZF Silicon Carbide Inverters Company Information
- 4.1.2 ZF Silicon Carbide Inverters Business Overview
- 4.1.3 ZF Silicon Carbide Inverters Production, Value and Gross Margin (2020-2025)
- 4.1.4 ZF Product Portfolio
- 4.1.5 ZF Recent Developments

4.2 Vitesco Technologies

- 4.2.1 Vitesco Technologies Silicon Carbide Inverters Company Information
- 4.2.2 Vitesco Technologies Silicon Carbide Inverters Business Overview
- 4.2.3 Vitesco Technologies Silicon Carbide Inverters Production, Value and Gross Margin (2020-2025)
- 4.2.4 Vitesco Technologies Product Portfolio
- 4.2.5 Vitesco Technologies Recent Developments

4.3 Valeo

- 4.3.1 Valeo Silicon Carbide Inverters Company Information
- 4.3.2 Valeo Silicon Carbide Inverters Business Overview
- 4.3.3 Valeo Silicon Carbide Inverters Production, Value and Gross Margin (2020-2025)
- 4.3.4 Valeo Product Portfolio
- 4.3.5 Valeo Recent Developments

4.4 Denso

- 4.4.1 Denso Silicon Carbide Inverters Company Information
- 4.4.2 Denso Silicon Carbide Inverters Business Overview
- 4.4.3 Denso Silicon Carbide Inverters Production, Value and Gross Margin (2020-2025)
- 4.4.4 Denso Product Portfolio
- 4.4.5 Denso Recent Developments

4.5 Delphi Technologies

- 4.5.1 Delphi Technologies Silicon Carbide Inverters Company Information
- 4.5.2 Delphi Technologies Silicon Carbide Inverters Business Overview
- 4.5.3 Delphi Technologies Silicon Carbide Inverters Production, Value and Gross Margin (2020-2025)
- 4.5.4 Delphi Technologies Product Portfolio
- 4.5.5 Delphi Technologies Recent Developments

4.6 Bosch

- 4.6.1 Bosch Silicon Carbide Inverters Company Information
- 4.6.2 Bosch Silicon Carbide Inverters Business Overview
- 4.6.3 Bosch Silicon Carbide Inverters Production, Value and Gross Margin (2020-2025)
- 4.6.4 Bosch Product Portfolio
- 4.6.5 Bosch Recent Developments

4.7 BorgWarner

- 4.7.1 BorgWarner Silicon Carbide Inverters Company Information
- 4.7.2 BorgWarner Silicon Carbide Inverters Business Overview
- 4.7.3 BorgWarner Silicon Carbide Inverters Production, Value and Gross Margin (2020-2025)
- 4.7.4 BorgWarner Product Portfolio
- 4.7.5 BorgWarner Recent Developments

4.8 McLaren Applied

- 4.8.1 McLaren Applied Silicon Carbide Inverters Company Information
- 4.8.2 McLaren Applied Silicon Carbide Inverters Business Overview
- 4.8.3 McLaren Applied Silicon Carbide Inverters Production, Value and Gross Margin (2020-2025)
- 4.8.4 McLaren Applied Product Portfolio
- 4.8.5 McLaren Applied Recent Developments

4.9 Marelli

- 4.9.1 Marelli Silicon Carbide Inverters Company Information
- 4.9.2 Marelli Silicon Carbide Inverters Business Overview
- 4.9.3 Marelli Silicon Carbide Inverters Production, Value and Gross Margin (2020-2025)
- 4.9.4 Marelli Product Portfolio
- 4.9.5 Marelli Recent Developments

4.10 Hitachi Astemo

- 4.10.1 Hitachi Astemo Silicon Carbide Inverters Company Information
- 4.10.2 Hitachi Astemo Silicon Carbide Inverters Business Overview
- 4.10.3 Hitachi Astemo Silicon Carbide Inverters Production, Value and Gross Margin

(2020-2025)

- 4.10.4 Hitachi Astemo Product Portfolio
- 4.10.5 Hitachi Astemo Recent Developments

4.11 Equipmake

- 4.11.1 Equipmake Silicon Carbide Inverters Company Information
- 4.11.2 Equipmake Silicon Carbide Inverters Business Overview
- 4.11.3 Equipmake Silicon Carbide Inverters Production, Value and Gross Margin

(2020-2025)

- 4.11.4 Equipmake Product Portfolio
- 4.11.5 Equipmake Recent Developments

4.12 Siemens

- 4.12.1 Siemens Silicon Carbide Inverters Company Information
- 4.12.2 Siemens Silicon Carbide Inverters Business Overview
- 4.12.3 Siemens Silicon Carbide Inverters Production, Value and Gross Margin

(2020-2025)

- 4.12.4 Siemens Product Portfolio
- 4.12.5 Siemens Recent Developments

4.13 ZeroAvia

- 4.13.1 ZeroAvia Silicon Carbide Inverters Company Information
- 4.13.2 ZeroAvia Silicon Carbide Inverters Business Overview
- 4.13.3 ZeroAvia Silicon Carbide Inverters Production, Value and Gross Margin

(2020-2025)

- 4.13.4 ZeroAvia Product Portfolio
- 4.13.5 ZeroAvia Recent Developments

5 GLOBAL SILICON CARBIDE INVERTERS PRODUCTION BY REGION

5.1 Global Silicon Carbide Inverters Production Estimates and Forecasts by Region: 2020 VS 2024 VS 2031

5.2 Global Silicon Carbide Inverters Production by Region: 2020-2031

- 5.2.1 Global Silicon Carbide Inverters Production by Region: 2020-2025
- 5.2.2 Global Silicon Carbide Inverters Production Forecast by Region (2026-2031)

5.3 Global Silicon Carbide Inverters Production Value Estimates and Forecasts by Region: 2020 VS 2024 VS 2031

5.4 Global Silicon Carbide Inverters Production Value by Region: 2020-2031

- 5.4.1 Global Silicon Carbide Inverters Production Value by Region: 2020-2025
- 5.4.2 Global Silicon Carbide Inverters Production Value Forecast by Region

(2026-2031)

5.5 Global Silicon Carbide Inverters Market Price Analysis by Region (2020-2025)

5.6 Global Silicon Carbide Inverters Production and Value, YOY Growth

5.6.1 North America Silicon Carbide Inverters Production Value Estimates and Forecasts (2020-2031)

5.6.2 Europe Silicon Carbide Inverters Production Value Estimates and Forecasts (2020-2031)

5.6.3 China Silicon Carbide Inverters Production Value Estimates and Forecasts (2020-2031)

5.6.4 Japan Silicon Carbide Inverters Production Value Estimates and Forecasts (2020-2031)

5.6.5 South Korea Silicon Carbide Inverters Production Value Estimates and Forecasts (2020-2031)

5.6.6 India Silicon Carbide Inverters Production Value Estimates and Forecasts (2020-2031)

6 GLOBAL SILICON CARBIDE INVERTERS CONSUMPTION BY REGION

6.1 Global Silicon Carbide Inverters Consumption Estimates and Forecasts by Region: 2020 VS 2024 VS 2031

6.2 Global Silicon Carbide Inverters Consumption by Region (2020-2031)

6.2.1 Global Silicon Carbide Inverters Consumption by Region: 2020-2025

6.2.2 Global Silicon Carbide Inverters Forecasted Consumption by Region (2026-2031)

6.3 North America

6.3.1 North America Silicon Carbide Inverters Consumption Growth Rate by Country: 2020 VS 2024 VS 2031

6.3.2 North America Silicon Carbide Inverters Consumption by Country (2020-2031)

6.3.3 United States

6.3.4 Canada

6.3.5 Mexico

6.4 Europe

6.4.1 Europe Silicon Carbide Inverters Consumption Growth Rate by Country: 2020 VS 2024 VS 2031

6.4.2 Europe Silicon Carbide Inverters Consumption by Country (2020-2031)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

6.4.8 Spain

6.4.9 Netherlands

6.4.10 Switzerland

6.4.11 Sweden

6.4.12 Poland

6.5 Asia Pacific

6.5.1 Asia Pacific Silicon Carbide Inverters Consumption Growth Rate by Country:
2020 VS 2024 VS 2031

6.5.2 Asia Pacific Silicon Carbide Inverters Consumption by Country (2020-2031)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 India

6.5.7 Australia

6.5.8 Taiwan

6.5.9 Southeast Asia

6.6 South America, Middle East & Africa

6.6.1 South America, Middle East & Africa Silicon Carbide Inverters Consumption
Growth Rate by Country: 2020 VS 2024 VS 2031

6.6.2 South America, Middle East & Africa Silicon Carbide Inverters Consumption by
Country (2020-2031)

6.6.3 Brazil

6.6.4 Argentina

6.6.5 Chile

6.6.6 Turkey

6.6.7 GCC Countries

7 SEGMENT BY TYPE

7.1 Global Silicon Carbide Inverters Production by Type (2020-2031)

7.1.1 Global Silicon Carbide Inverters Production by Type (2020-2031) & (Units)

7.1.2 Global Silicon Carbide Inverters Production Market Share by Type (2020-2031)

7.2 Global Silicon Carbide Inverters Production Value by Type (2020-2031)

7.2.1 Global Silicon Carbide Inverters Production Value by Type (2020-2031) & (US\$
Million)

7.2.2 Global Silicon Carbide Inverters Production Value Market Share by Type
(2020-2031)

7.3 Global Silicon Carbide Inverters Price by Type (2020-2031)

8 SEGMENT BY APPLICATION

8.1 Global Silicon Carbide Inverters Production by Application (2020-2031)

8.1.1 Global Silicon Carbide Inverters Production by Application (2020-2031) & (Units)

8.1.2 Global Silicon Carbide Inverters Production Market Share by Application (2020-2031)

8.2 Global Silicon Carbide Inverters Production Value by Application (2020-2031)

8.2.1 Global Silicon Carbide Inverters Production Value by Application (2020-2031) & (US\$ Million)

8.2.2 Global Silicon Carbide Inverters Production Value Market Share by Application (2020-2031)

8.3 Global Silicon Carbide Inverters Price by Application (2020-2031)

9 VALUE CHAIN AND SALES CHANNELS ANALYSIS OF THE MARKET

9.1 Silicon Carbide Inverters Value Chain Analysis

9.1.1 Silicon Carbide Inverters Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Silicon Carbide Inverters Production Mode & Process

9.2 Silicon Carbide Inverters Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 Silicon Carbide Inverters Distributors

9.2.3 Silicon Carbide Inverters Customers

10 GLOBAL SILICON CARBIDE INVERTERS ANALYZING MARKET DYNAMICS

10.1 Silicon Carbide Inverters Industry Trends

10.2 Silicon Carbide Inverters Industry Drivers

10.3 Silicon Carbide Inverters Industry Opportunities and Challenges

10.4 Silicon Carbide Inverters Industry Restraints

11 REPORT CONCLUSION

12 DISCLAIMER

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