

# Global HV Silicon Carbide (SiC) Modules Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global HV Silicon Carbide (SiC) Modules market size is expected to reach \$ 762.1 million by 2029, rising at a market growth of 22.1% CAGR during the forecast period (2023-2029).

This report studies the global HV Silicon Carbide (SiC) Modules production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for HV Silicon Carbide (SiC) Modules, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of HV Silicon Carbide (SiC) Modules that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global HV Silicon Carbide (SiC) Modules total production and demand, 2018-2029, (K Pieces)

Global HV Silicon Carbide (SiC) Modules total production value, 2018-2029, (USD Million)

Global HV Silicon Carbide (SiC) Modules production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Pieces)

Global HV Silicon Carbide (SiC) Modules consumption by region & country, CAGR, 2018-2029 & (K Pieces)

U.S. VS China: HV Silicon Carbide (SiC) Modules domestic production, consumption, key domestic manufacturers and share

Global HV Silicon Carbide (SiC) Modules production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Pieces)

Global HV Silicon Carbide (SiC) Modules production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Pieces)

Global HV Silicon Carbide (SiC) Modules production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Pieces).

This reports profiles key players in the global HV Silicon Carbide (SiC) Modules market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Infineon Technologies, ROHM Semiconductor, Wolfspeed, Mitsubishi Electric, Toshiba, STMicroelectronics, GeneSiC Semiconductor Inc., onsemi and Microchip Technology, etc.

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 HV Silicon Carbide (SiC) Modules market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Pieces) and average price (US\$/Piece) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global HV Silicon Carbide (SiC) Modules Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

### Global HV Silicon Carbide (SiC) Modules Market, Segmentation by Type

1200V

1700V

3300V

### Global HV Silicon Carbide (SiC) Modules Market, Segmentation by Application

Electric Vehicle

Rail Traffic

Solar Inverter

Industrial

UPS

Others

### Companies Profiled:

*Global HV Silicon Carbide (SiC) Modules Supply, Demand and Key Producers, 2023-2029*

Infineon Technologies

ROHM Semiconductor

Wolfspeed

Mitsubishi Electric

Toshiba

STMicroelectronics

GeneSiC Semiconductor Inc.

onsemi

Microchip Technology

Littelfuse (IXYS)

Fuji Electric

Bosch

Semikron Danfoss

GeneSiC Semiconductor Inc.

Imperix

Solitron Devices, Inc.

Cisoid

Hitachi Energy

Coherent Corp (II-VI)

GE Aerospace

DENSO

StarPower Semiconductor

Zhuzhou CRRC Times Electric

WeEn Semiconductors

Shenzhen BASiC Semiconductor

Guangdong Xinjuneng Semiconductor

Shenzhen Senguo Technology

### Key Questions Answered

1. How big is the global HV Silicon Carbide (SiC) Modules market?
2. What is the demand of the global HV Silicon Carbide (SiC) Modules market?
3. What is the year over year growth of the global HV Silicon Carbide (SiC) Modules market?
4. What is the production and production value of the global HV Silicon Carbide (SiC) Modules market?
5. Who are the key producers in the global HV Silicon Carbide (SiC) Modules market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 HV Silicon Carbide (SiC) Modules Introduction
- 1.2 World HV Silicon Carbide (SiC) Modules Supply & Forecast
  - 1.2.1 World HV Silicon Carbide (SiC) Modules Production Value (2018 & 2022 & 2029)
  - 1.2.2 World HV Silicon Carbide (SiC) Modules Production (2018-2029)
  - 1.2.3 World HV Silicon Carbide (SiC) Modules Pricing Trends (2018-2029)
- 1.3 World HV Silicon Carbide (SiC) Modules Production by Region (Based on Production Site)
  - 1.3.1 World HV Silicon Carbide (SiC) Modules Production Value by Region (2018-2029)
  - 1.3.2 World HV Silicon Carbide (SiC) Modules Production by Region (2018-2029)
  - 1.3.3 World HV Silicon Carbide (SiC) Modules Average Price by Region (2018-2029)
  - 1.3.4 North America HV Silicon Carbide (SiC) Modules Production (2018-2029)
  - 1.3.5 Europe HV Silicon Carbide (SiC) Modules Production (2018-2029)
  - 1.3.6 China HV Silicon Carbide (SiC) Modules Production (2018-2029)
  - 1.3.7 Japan HV Silicon Carbide (SiC) Modules Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 HV Silicon Carbide (SiC) Modules Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 HV Silicon Carbide (SiC) Modules 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 HV Silicon Carbide (SiC) Modules Demand (2018-2029)
- 2.2 World HV Silicon Carbide (SiC) Modules Consumption by Region
  - 2.2.1 World HV Silicon Carbide (SiC) Modules Consumption by Region (2018-2023)
  - 2.2.2 World HV Silicon Carbide (SiC) Modules Consumption Forecast by Region (2024-2029)
- 2.3 United States HV Silicon Carbide (SiC) Modules Consumption (2018-2029)
- 2.4 China HV Silicon Carbide (SiC) Modules Consumption (2018-2029)
- 2.5 Europe HV Silicon Carbide (SiC) Modules Consumption (2018-2029)
- 2.6 Japan HV Silicon Carbide (SiC) Modules Consumption (2018-2029)
- 2.7 South Korea HV Silicon Carbide (SiC) Modules Consumption (2018-2029)

2.8 ASEAN HV Silicon Carbide (SiC) Modules Consumption (2018-2029)

2.9 India HV Silicon Carbide (SiC) Modules Consumption (2018-2029)

### **3 WORLD HV SILICON CARBIDE (SiC) MODULES MANUFACTURERS COMPETITIVE ANALYSIS**

3.1 World HV Silicon Carbide (SiC) Modules Production Value by Manufacturer (2018-2023)

3.2 World HV Silicon Carbide (SiC) Modules Production by Manufacturer (2018-2023)

3.3 World HV Silicon Carbide (SiC) Modules Average Price by Manufacturer (2018-2023)

3.4 HV Silicon Carbide (SiC) Modules Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global HV Silicon Carbide (SiC) Modules Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for HV Silicon Carbide (SiC) Modules in 2022

3.5.3 Global Concentration Ratios (CR8) for HV Silicon Carbide (SiC) Modules in 2022

3.6 HV Silicon Carbide (SiC) Modules Market: Overall Company Footprint Analysis

3.6.1 HV Silicon Carbide (SiC) Modules Market: Region Footprint

3.6.2 HV Silicon Carbide (SiC) Modules Market: Company Product Type Footprint

3.6.3 HV Silicon Carbide (SiC) Modules 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: HV Silicon Carbide (SiC) Modules Production Value Comparison

4.1.1 United States VS China: HV Silicon Carbide (SiC) Modules Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: HV Silicon Carbide (SiC) Modules Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: HV Silicon Carbide (SiC) Modules Production Comparison

4.2.1 United States VS China: HV Silicon Carbide (SiC) Modules Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: HV Silicon Carbide (SiC) Modules Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: HV Silicon Carbide (SiC) Modules Consumption Comparison

4.3.1 United States VS China: HV Silicon Carbide (SiC) Modules Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: HV Silicon Carbide (SiC) Modules Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based HV Silicon Carbide (SiC) Modules Manufacturers and Market Share, 2018-2023

4.4.1 United States Based HV Silicon Carbide (SiC) Modules Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers HV Silicon Carbide (SiC) Modules Production Value (2018-2023)

4.4.3 United States Based Manufacturers HV Silicon Carbide (SiC) Modules Production (2018-2023)

4.5 China Based HV Silicon Carbide (SiC) Modules Manufacturers and Market Share

4.5.1 China Based HV Silicon Carbide (SiC) Modules Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers HV Silicon Carbide (SiC) Modules Production Value (2018-2023)

4.5.3 China Based Manufacturers HV Silicon Carbide (SiC) Modules Production (2018-2023)

4.6 Rest of World Based HV Silicon Carbide (SiC) Modules Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based HV Silicon Carbide (SiC) Modules Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers HV Silicon Carbide (SiC) Modules Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers HV Silicon Carbide (SiC) Modules Production (2018-2023)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World HV Silicon Carbide (SiC) Modules Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 1200V

5.2.2 1700V



### 5.2.3 3300V

## 5.3 Market Segment by Type

### 5.3.1 World HV Silicon Carbide (SiC) Modules Production by Type (2018-2029)

### 5.3.2 World HV Silicon Carbide (SiC) Modules Production Value by Type (2018-2029)

### 5.3.3 World HV Silicon Carbide (SiC) Modules Average Price by Type (2018-2029)

## 6 MARKET ANALYSIS BY APPLICATION

### 6.1 World HV Silicon Carbide (SiC) Modules Market Size Overview by Application: 2018 VS 2022 VS 2029

## 6.2 Segment Introduction by Application

### 6.2.1 Electric Vehicle

### 6.2.2 Rail Traffic

### 6.2.3 Solar Inverter

### 6.2.4 Industrial

### 6.2.5 UPS

### 6.2.6 Others

## 6.3 Market Segment by Application

### 6.3.1 World HV Silicon Carbide (SiC) Modules Production by Application (2018-2029)

### 6.3.2 World HV Silicon Carbide (SiC) Modules Production Value by Application (2018-2029)

### 6.3.3 World HV Silicon Carbide (SiC) Modules Average Price by Application (2018-2029)

## 7 COMPANY PROFILES

### 7.1 Infineon Technologies

#### 7.1.1 Infineon Technologies Details

#### 7.1.2 Infineon Technologies Major Business

#### 7.1.3 Infineon Technologies HV Silicon Carbide (SiC) Modules Product and Services

#### 7.1.4 Infineon Technologies HV Silicon Carbide (SiC) Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)

#### 7.1.5 Infineon Technologies Recent Developments/Updates

#### 7.1.6 Infineon Technologies Competitive Strengths & Weaknesses

### 7.2 ROHM Semiconductor

#### 7.2.1 ROHM Semiconductor Details

#### 7.2.2 ROHM Semiconductor Major Business

#### 7.2.3 ROHM Semiconductor HV Silicon Carbide (SiC) Modules Product and Services

#### 7.2.4 ROHM Semiconductor HV Silicon Carbide (SiC) Modules Production, Price,

Value, Gross Margin and Market Share (2018-2023)

7.2.5 ROHM Semiconductor Recent Developments/Updates

7.2.6 ROHM Semiconductor Competitive Strengths & Weaknesses

7.3 Wolfspeed

7.3.1 Wolfspeed Details

7.3.2 Wolfspeed Major Business

7.3.3 Wolfspeed HV Silicon Carbide (SiC) Modules Product and Services

7.3.4 Wolfspeed HV Silicon Carbide (SiC) Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 Wolfspeed Recent Developments/Updates

7.3.6 Wolfspeed Competitive Strengths & Weaknesses

7.4 Mitsubishi Electric

7.4.1 Mitsubishi Electric Details

7.4.2 Mitsubishi Electric Major Business

7.4.3 Mitsubishi Electric HV Silicon Carbide (SiC) Modules Product and Services

7.4.4 Mitsubishi Electric HV Silicon Carbide (SiC) Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 Mitsubishi Electric Recent Developments/Updates

7.4.6 Mitsubishi Electric Competitive Strengths & Weaknesses

7.5 Toshiba

7.5.1 Toshiba Details

7.5.2 Toshiba Major Business

7.5.3 Toshiba HV Silicon Carbide (SiC) Modules Product and Services

7.5.4 Toshiba HV Silicon Carbide (SiC) Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.5.5 Toshiba Recent Developments/Updates

7.5.6 Toshiba Competitive Strengths & Weaknesses

7.6 STMicroelectronics

7.6.1 STMicroelectronics Details

7.6.2 STMicroelectronics Major Business

7.6.3 STMicroelectronics HV Silicon Carbide (SiC) Modules Product and Services

7.6.4 STMicroelectronics HV Silicon Carbide (SiC) Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.6.5 STMicroelectronics Recent Developments/Updates

7.6.6 STMicroelectronics Competitive Strengths & Weaknesses

7.7 GeneSiC Semiconductor Inc.

7.7.1 GeneSiC Semiconductor Inc. Details

7.7.2 GeneSiC Semiconductor Inc. Major Business

7.7.3 GeneSiC Semiconductor Inc. HV Silicon Carbide (SiC) Modules Product and

## Services

7.7.4 GeneSiC Semiconductor Inc. HV Silicon Carbide (SiC) Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.7.5 GeneSiC Semiconductor Inc. Recent Developments/Updates

7.7.6 GeneSiC Semiconductor Inc. Competitive Strengths & Weaknesses

## 7.8 onsemi

7.8.1 onsemi Details

7.8.2 onsemi Major Business

7.8.3 onsemi HV Silicon Carbide (SiC) Modules Product and Services

7.8.4 onsemi HV Silicon Carbide (SiC) Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.8.5 onsemi Recent Developments/Updates

7.8.6 onsemi Competitive Strengths & Weaknesses

## 7.9 Microchip Technology

7.9.1 Microchip Technology Details

7.9.2 Microchip Technology Major Business

7.9.3 Microchip Technology HV Silicon Carbide (SiC) Modules Product and Services

7.9.4 Microchip Technology HV Silicon Carbide (SiC) Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.9.5 Microchip Technology Recent Developments/Updates

7.9.6 Microchip Technology Competitive Strengths & Weaknesses

## 7.10 Littelfuse (IXYS)

7.10.1 Littelfuse (IXYS) Details

7.10.2 Littelfuse (IXYS) Major Business

7.10.3 Littelfuse (IXYS) HV Silicon Carbide (SiC) Modules Product and Services

7.10.4 Littelfuse (IXYS) HV Silicon Carbide (SiC) Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.10.5 Littelfuse (IXYS) Recent Developments/Updates

7.10.6 Littelfuse (IXYS) Competitive Strengths & Weaknesses

## 7.11 Fuji Electric

7.11.1 Fuji Electric Details

7.11.2 Fuji Electric Major Business

7.11.3 Fuji Electric HV Silicon Carbide (SiC) Modules Product and Services

7.11.4 Fuji Electric HV Silicon Carbide (SiC) Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.11.5 Fuji Electric Recent Developments/Updates

7.11.6 Fuji Electric Competitive Strengths & Weaknesses

## 7.12 Bosch

7.12.1 Bosch Details

- 7.12.2 Bosch Major Business
- 7.12.3 Bosch HV Silicon Carbide (SiC) Modules Product and Services
- 7.12.4 Bosch HV Silicon Carbide (SiC) Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.12.5 Bosch Recent Developments/Updates
- 7.12.6 Bosch Competitive Strengths & Weaknesses
- 7.13 Semikron Danfoss
  - 7.13.1 Semikron Danfoss Details
  - 7.13.2 Semikron Danfoss Major Business
  - 7.13.3 Semikron Danfoss HV Silicon Carbide (SiC) Modules Product and Services
  - 7.13.4 Semikron Danfoss HV Silicon Carbide (SiC) Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.13.5 Semikron Danfoss Recent Developments/Updates
  - 7.13.6 Semikron Danfoss Competitive Strengths & Weaknesses
- 7.14 GeneSiC Semiconductor Inc.
  - 7.14.1 GeneSiC Semiconductor Inc. Details
  - 7.14.2 GeneSiC Semiconductor Inc. Major Business
  - 7.14.3 GeneSiC Semiconductor Inc. HV Silicon Carbide (SiC) Modules Product and Services
  - 7.14.4 GeneSiC Semiconductor Inc. HV Silicon Carbide (SiC) Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.14.5 GeneSiC Semiconductor Inc. Recent Developments/Updates
  - 7.14.6 GeneSiC Semiconductor Inc. Competitive Strengths & Weaknesses
- 7.15 Imperix
  - 7.15.1 Imperix Details
  - 7.15.2 Imperix Major Business
  - 7.15.3 Imperix HV Silicon Carbide (SiC) Modules Product and Services
  - 7.15.4 Imperix HV Silicon Carbide (SiC) Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.15.5 Imperix Recent Developments/Updates
  - 7.15.6 Imperix Competitive Strengths & Weaknesses
- 7.16 Solitron Devices, Inc.
  - 7.16.1 Solitron Devices, Inc. Details
  - 7.16.2 Solitron Devices, Inc. Major Business
  - 7.16.3 Solitron Devices, Inc. HV Silicon Carbide (SiC) Modules Product and Services
  - 7.16.4 Solitron Devices, Inc. HV Silicon Carbide (SiC) Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.16.5 Solitron Devices, Inc. Recent Developments/Updates
  - 7.16.6 Solitron Devices, Inc. Competitive Strengths & Weaknesses

## 7.17 Cissoid

### 7.17.1 Cissoid Details

### 7.17.2 Cissoid Major Business

### 7.17.3 Cissoid HV Silicon Carbide (SiC) Modules Product and Services

### 7.17.4 Cissoid HV Silicon Carbide (SiC) Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.17.5 Cissoid Recent Developments/Updates

### 7.17.6 Cissoid Competitive Strengths & Weaknesses

## 7.18 Hitachi Energy

### 7.18.1 Hitachi Energy Details

### 7.18.2 Hitachi Energy Major Business

### 7.18.3 Hitachi Energy HV Silicon Carbide (SiC) Modules Product and Services

### 7.18.4 Hitachi Energy HV Silicon Carbide (SiC) Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.18.5 Hitachi Energy Recent Developments/Updates

### 7.18.6 Hitachi Energy Competitive Strengths & Weaknesses

## 7.19 Coherent Corp (II-VI)

### 7.19.1 Coherent Corp (II-VI) Details

### 7.19.2 Coherent Corp (II-VI) Major Business

### 7.19.3 Coherent Corp (II-VI) HV Silicon Carbide (SiC) Modules Product and Services

### 7.19.4 Coherent Corp (II-VI) HV Silicon Carbide (SiC) Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.19.5 Coherent Corp (II-VI) Recent Developments/Updates

### 7.19.6 Coherent Corp (II-VI) Competitive Strengths & Weaknesses

## 7.20 GE Aerospace

### 7.20.1 GE Aerospace Details

### 7.20.2 GE Aerospace Major Business

### 7.20.3 GE Aerospace HV Silicon Carbide (SiC) Modules Product and Services

### 7.20.4 GE Aerospace HV Silicon Carbide (SiC) Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.20.5 GE Aerospace Recent Developments/Updates

### 7.20.6 GE Aerospace Competitive Strengths & Weaknesses

## 7.21 DENSO

### 7.21.1 DENSO Details

### 7.21.2 DENSO Major Business

### 7.21.3 DENSO HV Silicon Carbide (SiC) Modules Product and Services

### 7.21.4 DENSO HV Silicon Carbide (SiC) Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.21.5 DENSO Recent Developments/Updates

- 7.21.6 DENSO Competitive Strengths & Weaknesses
- 7.22 StarPower Semiconductor
  - 7.22.1 StarPower Semiconductor Details
  - 7.22.2 StarPower Semiconductor Major Business
  - 7.22.3 StarPower Semiconductor HV Silicon Carbide (SiC) Modules Product and Services
  - 7.22.4 StarPower Semiconductor HV Silicon Carbide (SiC) Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.22.5 StarPower Semiconductor Recent Developments/Updates
  - 7.22.6 StarPower Semiconductor Competitive Strengths & Weaknesses
- 7.23 Zhuzhou CRRC Times Electric
  - 7.23.1 Zhuzhou CRRC Times Electric Details
  - 7.23.2 Zhuzhou CRRC Times Electric Major Business
  - 7.23.3 Zhuzhou CRRC Times Electric HV Silicon Carbide (SiC) Modules Product and Services
  - 7.23.4 Zhuzhou CRRC Times Electric HV Silicon Carbide (SiC) Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.23.5 Zhuzhou CRRC Times Electric Recent Developments/Updates
  - 7.23.6 Zhuzhou CRRC Times Electric Competitive Strengths & Weaknesses
- 7.24 WeEn Semiconductors
  - 7.24.1 WeEn Semiconductors Details
  - 7.24.2 WeEn Semiconductors Major Business
  - 7.24.3 WeEn Semiconductors HV Silicon Carbide (SiC) Modules Product and Services
  - 7.24.4 WeEn Semiconductors HV Silicon Carbide (SiC) Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.24.5 WeEn Semiconductors Recent Developments/Updates
  - 7.24.6 WeEn Semiconductors Competitive Strengths & Weaknesses
- 7.25 Shenzhen BASiC Semiconductor
  - 7.25.1 Shenzhen BASiC Semiconductor Details
  - 7.25.2 Shenzhen BASiC Semiconductor Major Business
  - 7.25.3 Shenzhen BASiC Semiconductor HV Silicon Carbide (SiC) Modules Product and Services
  - 7.25.4 Shenzhen BASiC Semiconductor HV Silicon Carbide (SiC) Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.25.5 Shenzhen BASiC Semiconductor Recent Developments/Updates
  - 7.25.6 Shenzhen BASiC Semiconductor Competitive Strengths & Weaknesses
- 7.26 Guangdong Xinjuneng Semiconductor
  - 7.26.1 Guangdong Xinjuneng Semiconductor Details
  - 7.26.2 Guangdong Xinjuneng Semiconductor Major Business

7.26.3 Guangdong Xinjuneng Semiconductor HV Silicon Carbide (SiC) Modules Product and Services

7.26.4 Guangdong Xinjuneng Semiconductor HV Silicon Carbide (SiC) Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.26.5 Guangdong Xinjuneng Semiconductor Recent Developments/Updates

7.26.6 Guangdong Xinjuneng Semiconductor Competitive Strengths & Weaknesses

7.27 Shenzhen Senguo Technology

7.27.1 Shenzhen Senguo Technology Details

7.27.2 Shenzhen Senguo Technology Major Business

7.27.3 Shenzhen Senguo Technology HV Silicon Carbide (SiC) Modules Product and Services

7.27.4 Shenzhen Senguo Technology HV Silicon Carbide (SiC) Modules Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.27.5 Shenzhen Senguo Technology Recent Developments/Updates

7.27.6 Shenzhen Senguo Technology Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

8.1 HV Silicon Carbide (SiC) Modules Industry Chain

8.2 HV Silicon Carbide (SiC) Modules Upstream Analysis

8.2.1 HV Silicon Carbide (SiC) Modules Core Raw Materials

8.2.2 Main Manufacturers of HV Silicon Carbide (SiC) Modules Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 HV Silicon Carbide (SiC) Modules Production Mode

8.6 HV Silicon Carbide (SiC) Modules Procurement Model

8.7 HV Silicon Carbide (SiC) Modules Industry Sales Model and Sales Channels

8.7.1 HV Silicon Carbide (SiC) Modules Sales Model

8.7.2 HV Silicon Carbide (SiC) Modules Typical Customers

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World HV Silicon Carbide (SiC) Modules Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World HV Silicon Carbide (SiC) Modules Production Value by Region (2018-2023) & (USD Million)

Table 3. World HV Silicon Carbide (SiC) Modules Production Value by Region (2024-2029) & (USD Million)

Table 4. World HV Silicon Carbide (SiC) Modules Production Value Market Share by Region (2018-2023)

Table 5. World HV Silicon Carbide (SiC) Modules Production Value Market Share by Region (2024-2029)

Table 6. World HV Silicon Carbide (SiC) Modules Production by Region (2018-2023) & (K Pieces)

Table 7. World HV Silicon Carbide (SiC) Modules Production by Region (2024-2029) & (K Pieces)

Table 8. World HV Silicon Carbide (SiC) Modules Production Market Share by Region (2018-2023)

Table 9. World HV Silicon Carbide (SiC) Modules Production Market Share by Region (2024-2029)

Table 10. World HV Silicon Carbide (SiC) Modules Average Price by Region (2018-2023) & (US\$/Piece)

Table 11. World HV Silicon Carbide (SiC) Modules Average Price by Region (2024-2029) & (US\$/Piece)

Table 12. HV Silicon Carbide (SiC) Modules Major Market Trends

Table 13. World HV Silicon Carbide (SiC) Modules Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Pieces)

Table 14. World HV Silicon Carbide (SiC) Modules Consumption by Region (2018-2023) & (K Pieces)

Table 15. World HV Silicon Carbide (SiC) Modules Consumption Forecast by Region (2024-2029) & (K Pieces)

Table 16. World HV Silicon Carbide (SiC) Modules Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key HV Silicon Carbide (SiC) Modules Producers in 2022

Table 18. World HV Silicon Carbide (SiC) Modules Production by Manufacturer (2018-2023) & (K Pieces)



Table 19. Production Market Share of Key HV Silicon Carbide (SiC) Modules Producers in 2022

Table 20. World HV Silicon Carbide (SiC) Modules Average Price by Manufacturer (2018-2023) & (US\$/Piece)

Table 21. Global HV Silicon Carbide (SiC) Modules Company Evaluation Quadrant

Table 22. World HV Silicon Carbide (SiC) Modules Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and HV Silicon Carbide (SiC) Modules Production Site of Key Manufacturer

Table 24. HV Silicon Carbide (SiC) Modules Market: Company Product Type Footprint

Table 25. HV Silicon Carbide (SiC) Modules Market: Company Product Application Footprint

Table 26. HV Silicon Carbide (SiC) Modules Competitive Factors

Table 27. HV Silicon Carbide (SiC) Modules New Entrant and Capacity Expansion Plans

Table 28. HV Silicon Carbide (SiC) Modules Mergers & Acquisitions Activity

Table 29. United States VS China HV Silicon Carbide (SiC) Modules Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China HV Silicon Carbide (SiC) Modules Production Comparison, (2018 & 2022 & 2029) & (K Pieces)

Table 31. United States VS China HV Silicon Carbide (SiC) Modules Consumption Comparison, (2018 & 2022 & 2029) & (K Pieces)

Table 32. United States Based HV Silicon Carbide (SiC) Modules Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers HV Silicon Carbide (SiC) Modules Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers HV Silicon Carbide (SiC) Modules Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers HV Silicon Carbide (SiC) Modules Production (2018-2023) & (K Pieces)

Table 36. United States Based Manufacturers HV Silicon Carbide (SiC) Modules Production Market Share (2018-2023)

Table 37. China Based HV Silicon Carbide (SiC) Modules Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers HV Silicon Carbide (SiC) Modules Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers HV Silicon Carbide (SiC) Modules Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers HV Silicon Carbide (SiC) Modules Production

(2018-2023) & (K Pieces)

Table 41. China Based Manufacturers HV Silicon Carbide (SiC) Modules Production Market Share (2018-2023)

Table 42. Rest of World Based HV Silicon Carbide (SiC) Modules Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers HV Silicon Carbide (SiC) Modules Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers HV Silicon Carbide (SiC) Modules Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers HV Silicon Carbide (SiC) Modules Production (2018-2023) & (K Pieces)

Table 46. Rest of World Based Manufacturers HV Silicon Carbide (SiC) Modules Production Market Share (2018-2023)

Table 47. World HV Silicon Carbide (SiC) Modules Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World HV Silicon Carbide (SiC) Modules Production by Type (2018-2023) & (K Pieces)

Table 49. World HV Silicon Carbide (SiC) Modules Production by Type (2024-2029) & (K Pieces)

Table 50. World HV Silicon Carbide (SiC) Modules Production Value by Type (2018-2023) & (USD Million)

Table 51. World HV Silicon Carbide (SiC) Modules Production Value by Type (2024-2029) & (USD Million)

Table 52. World HV Silicon Carbide (SiC) Modules Average Price by Type (2018-2023) & (US\$/Piece)

Table 53. World HV Silicon Carbide (SiC) Modules Average Price by Type (2024-2029) & (US\$/Piece)

Table 54. World HV Silicon Carbide (SiC) Modules Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World HV Silicon Carbide (SiC) Modules Production by Application (2018-2023) & (K Pieces)

Table 56. World HV Silicon Carbide (SiC) Modules Production by Application (2024-2029) & (K Pieces)

Table 57. World HV Silicon Carbide (SiC) Modules Production Value by Application (2018-2023) & (USD Million)

Table 58. World HV Silicon Carbide (SiC) Modules Production Value by Application (2024-2029) & (USD Million)

Table 59. World HV Silicon Carbide (SiC) Modules Average Price by Application (2018-2023) & (US\$/Piece)

Table 60. World HV Silicon Carbide (SiC) Modules Average Price by Application (2024-2029) & (US\$/Piece)

Table 61. Infineon Technologies Basic Information, Manufacturing Base and Competitors

Table 62. Infineon Technologies Major Business

Table 63. Infineon Technologies HV Silicon Carbide (SiC) Modules Product and Services

Table 64. Infineon Technologies HV Silicon Carbide (SiC) Modules Production (K Pieces), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Infineon Technologies Recent Developments/Updates

Table 66. Infineon Technologies Competitive Strengths & Weaknesses

Table 67. ROHM Semiconductor Basic Information, Manufacturing Base and Competitors

Table 68. ROHM Semiconductor Major Business

Table 69. ROHM Semiconductor HV Silicon Carbide (SiC) Modules Product and Services

Table 70. ROHM Semiconductor HV Silicon Carbide (SiC) Modules Production (K Pieces), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. ROHM Semiconductor Recent Developments/Updates

Table 72. ROHM Semiconductor Competitive Strengths & Weaknesses

Table 73. Wolfspeed Basic Information, Manufacturing Base and Competitors

Table 74. Wolfspeed Major Business

Table 75. Wolfspeed HV Silicon Carbide (SiC) Modules Product and Services

Table 76. Wolfspeed HV Silicon Carbide (SiC) Modules Production (K Pieces), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Wolfspeed Recent Developments/Updates

Table 78. Wolfspeed Competitive Strengths & Weaknesses

Table 79. Mitsubishi Electric Basic Information, Manufacturing Base and Competitors

Table 80. Mitsubishi Electric Major Business

Table 81. Mitsubishi Electric HV Silicon Carbide (SiC) Modules Product and Services

Table 82. Mitsubishi Electric HV Silicon Carbide (SiC) Modules Production (K Pieces), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Mitsubishi Electric Recent Developments/Updates

Table 84. Mitsubishi Electric Competitive Strengths & Weaknesses

Table 85. Toshiba Basic Information, Manufacturing Base and Competitors

Table 86. Toshiba Major Business

Table 87. Toshiba HV Silicon Carbide (SiC) Modules Product and Services

Table 88. Toshiba HV Silicon Carbide (SiC) Modules Production (K Pieces), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Toshiba Recent Developments/Updates

Table 90. Toshiba Competitive Strengths & Weaknesses

Table 91. STMicroelectronics Basic Information, Manufacturing Base and Competitors

Table 92. STMicroelectronics Major Business

Table 93. STMicroelectronics HV Silicon Carbide (SiC) Modules Product and Services

Table 94. STMicroelectronics HV Silicon Carbide (SiC) Modules Production (K Pieces), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. STMicroelectronics Recent Developments/Updates

Table 96. STMicroelectronics Competitive Strengths & Weaknesses

Table 97. GeneSiC Semiconductor Inc. Basic Information, Manufacturing Base and Competitors

Table 98. GeneSiC Semiconductor Inc. Major Business

Table 99. GeneSiC Semiconductor Inc. HV Silicon Carbide (SiC) Modules Product and Services

Table 100. GeneSiC Semiconductor Inc. HV Silicon Carbide (SiC) Modules Production (K Pieces), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. GeneSiC Semiconductor Inc. Recent Developments/Updates

Table 102. GeneSiC Semiconductor Inc. Competitive Strengths & Weaknesses

Table 103. onsemi Basic Information, Manufacturing Base and Competitors

Table 104. onsemi Major Business

Table 105. onsemi HV Silicon Carbide (SiC) Modules Product and Services

Table 106. onsemi HV Silicon Carbide (SiC) Modules Production (K Pieces), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. onsemi Recent Developments/Updates

Table 108. onsemi Competitive Strengths & Weaknesses

Table 109. Microchip Technology Basic Information, Manufacturing Base and Competitors

Table 110. Microchip Technology Major Business

Table 111. Microchip Technology HV Silicon Carbide (SiC) Modules Product and Services

Table 112. Microchip Technology HV Silicon Carbide (SiC) Modules Production (K

Pieces), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. Microchip Technology Recent Developments/Updates

Table 114. Microchip Technology Competitive Strengths & Weaknesses

Table 115. Littelfuse (IXYS) Basic Information, Manufacturing Base and Competitors

Table 116. Littelfuse (IXYS) Major Business

Table 117. Littelfuse (IXYS) HV Silicon Carbide (SiC) Modules Product and Services

Table 118. Littelfuse (IXYS) HV Silicon Carbide (SiC) Modules Production (K Pieces), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. Littelfuse (IXYS) Recent Developments/Updates

Table 120. Littelfuse (IXYS) Competitive Strengths & Weaknesses

Table 121. Fuji Electric Basic Information, Manufacturing Base and Competitors

Table 122. Fuji Electric Major Business

Table 123. Fuji Electric HV Silicon Carbide (SiC) Modules Product and Services

Table 124. Fuji Electric HV Silicon Carbide (SiC) Modules Production (K Pieces), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. Fuji Electric Recent Developments/Updates

Table 126. Fuji Electric Competitive Strengths & Weaknesses

Table 127. Bosch Basic Information, Manufacturing Base and Competitors

Table 128. Bosch Major Business

Table 129. Bosch HV Silicon Carbide (SiC) Modules Product and Services

Table 130. Bosch HV Silicon Carbide (SiC) Modules Production (K Pieces), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 131. Bosch Recent Developments/Updates

Table 132. Bosch Competitive Strengths & Weaknesses

Table 133. Semikron Danfoss Basic Information, Manufacturing Base and Competitors

Table 134. Semikron Danfoss Major Business

Table 135. Semikron Danfoss HV Silicon Carbide (SiC) Modules Product and Services

Table 136. Semikron Danfoss HV Silicon Carbide (SiC) Modules Production (K Pieces), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 137. Semikron Danfoss Recent Developments/Updates

Table 138. Semikron Danfoss Competitive Strengths & Weaknesses

Table 139. GeneSiC Semiconductor Inc. Basic Information, Manufacturing Base and Competitors

Table 140. GeneSiC Semiconductor Inc. Major Business

Table 141. GeneSiC Semiconductor Inc. HV Silicon Carbide (SiC) Modules Product and Services

Table 142. GeneSiC Semiconductor Inc. HV Silicon Carbide (SiC) Modules Production (K Pieces), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 143. GeneSiC Semiconductor Inc. Recent Developments/Updates

Table 144. GeneSiC Semiconductor Inc. Competitive Strengths & Weaknesses

Table 145. Imperix Basic Information, Manufacturing Base and Competitors

Table 146. Imperix Major Business

Table 147. Imperix HV Silicon Carbide (SiC) Modules Product and Services

Table 148. Imperix HV Silicon Carbide (SiC) Modules Production (K Pieces), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 149. Imperix Recent Developments/Updates

Table 150. Imperix Competitive Strengths & Weaknesses

Table 151. Solitron Devices, Inc. Basic Information, Manufacturing Base and Competitors

Table 152. Solitron Devices, Inc. Major Business

Table 153. Solitron Devices, Inc. HV Silicon Carbide (SiC) Modules Product and Services

Table 154. Solitron Devices, Inc. HV Silicon Carbide (SiC) Modules Production (K Pieces), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 155. Solitron Devices, Inc. Recent Developments/Updates

Table 156. Solitron Devices, Inc. Competitive Strengths & Weaknesses

Table 157. Cissoid Basic Information, Manufacturing Base and Competitors

Table 158. Cissoid Major Business

Table 159. Cissoid HV Silicon Carbide (SiC) Modules Product and Services

Table 160. Cissoid HV Silicon Carbide (SiC) Modules Production (K Pieces), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 161. Cissoid Recent Developments/Updates

Table 162. Cissoid Competitive Strengths & Weaknesses

Table 163. Hitachi Energy Basic Information, Manufacturing Base and Competitors

Table 164. Hitachi Energy Major Business

Table 165. Hitachi Energy HV Silicon Carbide (SiC) Modules Product and Services

Table 166. Hitachi Energy HV Silicon Carbide (SiC) Modules Production (K Pieces), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

- Table 167. Hitachi Energy Recent Developments/Updates
- Table 168. Hitachi Energy Competitive Strengths & Weaknesses
- Table 169. Coherent Corp (II-VI) Basic Information, Manufacturing Base and Competitors
- Table 170. Coherent Corp (II-VI) Major Business
- Table 171. Coherent Corp (II-VI) HV Silicon Carbide (SiC) Modules Product and Services
- Table 172. Coherent Corp (II-VI) HV Silicon Carbide (SiC) Modules Production (K Pieces), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 173. Coherent Corp (II-VI) Recent Developments/Updates
- Table 174. Coherent Corp (II-VI) Competitive Strengths & Weaknesses
- Table 175. GE Aerospace Basic Information, Manufacturing Base and Competitors
- Table 176. GE Aerospace Major Business
- Table 177. GE Aerospace HV Silicon Carbide (SiC) Modules Product and Services
- Table 178. GE Aerospace HV Silicon Carbide (SiC) Modules Production (K Pieces), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 179. GE Aerospace Recent Developments/Updates
- Table 180. GE Aerospace Competitive Strengths & Weaknesses
- Table 181. DENSO Basic Information, Manufacturing Base and Competitors
- Table 182. DENSO Major Business
- Table 183. DENSO HV Silicon Carbide (SiC) Modules Product and Services
- Table 184. DENSO HV Silicon Carbide (SiC) Modules Production (K Pieces), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 185. DENSO Recent Developments/Updates
- Table 186. DENSO Competitive Strengths & Weaknesses
- Table 187. StarPower Semiconductor Basic Information, Manufacturing Base and Competitors
- Table 188. StarPower Semiconductor Major Business
- Table 189. StarPower Semiconductor HV Silicon Carbide (SiC) Modules Product and Services
- Table 190. StarPower Semiconductor HV Silicon Carbide (SiC) Modules Production (K Pieces), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 191. StarPower Semiconductor Recent Developments/Updates
- Table 192. StarPower Semiconductor Competitive Strengths & Weaknesses
- Table 193. Zhuzhou CRRC Times Electric Basic Information, Manufacturing Base and

## Competitors

Table 194. Zhuzhou CRRC Times Electric Major Business

Table 195. Zhuzhou CRRC Times Electric HV Silicon Carbide (SiC) Modules Product and Services

Table 196. Zhuzhou CRRC Times Electric HV Silicon Carbide (SiC) Modules Production (K Pieces), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 197. Zhuzhou CRRC Times Electric Recent Developments/Updates

Table 198. Zhuzhou CRRC Times Electric Competitive Strengths & Weaknesses

Table 199. WeEn Semiconductors Basic Information, Manufacturing Base and Competitors

Table 200. WeEn Semiconductors Major Business

Table 201. WeEn Semiconductors HV Silicon Carbide (SiC) Modules Product and Services

Table 202. WeEn Semiconductors HV Silicon Carbide (SiC) Modules Production (K Pieces), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 203. WeEn Semiconductors Recent Developments/Updates

Table 204. WeEn Semiconductors Competitive Strengths & Weaknesses

Table 205. Shenzhen BASiC Semiconductor Basic Information, Manufacturing Base and Competitors

Table 206. Shenzhen BASiC Semiconductor Major Business

Table 207. Shenzhen BASiC Semiconductor HV Silicon Carbide (SiC) Modules Product and Services

Table 208. Shenzhen BASiC Semiconductor HV Silicon Carbide (SiC) Modules Production (K Pieces), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 209. Shenzhen BASiC Semiconductor Recent Developments/Updates

Table 210. Shenzhen BASiC Semiconductor Competitive Strengths & Weaknesses

Table 211. Guangdong Xinjuneng Semiconductor Basic Information, Manufacturing Base and Competitors

Table 212. Guangdong Xinjuneng Semiconductor Major Business

Table 213. Guangdong Xinjuneng Semiconductor HV Silicon Carbide (SiC) Modules Product and Services

Table 214. Guangdong Xinjuneng Semiconductor HV Silicon Carbide (SiC) Modules Production (K Pieces), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 215. Guangdong Xinjuneng Semiconductor Recent Developments/Updates

Table 216. Shenzhen Senguo Technology Basic Information, Manufacturing Base



and Competitors

Table 217. Shenzhen Senguo Technology Major Business

Table 218. Shenzhen Senguo Technology HV Silicon Carbide (SiC) Modules Product and Services

Table 219. Shenzhen Senguo Technology HV Silicon Carbide (SiC) Modules Production (K Pieces), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 220. Global Key Players of HV Silicon Carbide (SiC) Modules Upstream (Raw Materials)

Table 221. HV Silicon Carbide (SiC) Modules Typical Customers

Table 222. HV Silicon Carbide (SiC) Modules Typical Distributors

## List Of Figures

### LIST OF FIGURES

Figure 1. HV Silicon Carbide (SiC) Modules Picture

Figure 2. World HV Silicon Carbide (SiC) Modules Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World HV Silicon Carbide (SiC) Modules Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World HV Silicon Carbide (SiC) Modules Production (2018-2029) & (K Pieces)

Figure 5. World HV Silicon Carbide (SiC) Modules Average Price (2018-2029) & (US\$/Piece)

Figure 6. World HV Silicon Carbide (SiC) Modules Production Value Market Share by Region (2018-2029)

Figure 7. World HV Silicon Carbide (SiC) Modules Production Market Share by Region (2018-2029)

Figure 8. North America HV Silicon Carbide (SiC) Modules Production (2018-2029) & (K Pieces)

Figure 9. Europe HV Silicon Carbide (SiC) Modules Production (2018-2029) & (K Pieces)

Figure 10. China HV Silicon Carbide (SiC) Modules Production (2018-2029) & (K Pieces)

Figure 11. Japan HV Silicon Carbide (SiC) Modules Production (2018-2029) & (K Pieces)

Figure 12. HV Silicon Carbide (SiC) Modules Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World HV Silicon Carbide (SiC) Modules Consumption (2018-2029) & (K Pieces)

Figure 15. World HV Silicon Carbide (SiC) Modules Consumption Market Share by Region (2018-2029)

Figure 16. United States HV Silicon Carbide (SiC) Modules Consumption (2018-2029) & (K Pieces)

Figure 17. China HV Silicon Carbide (SiC) Modules Consumption (2018-2029) & (K Pieces)

Figure 18. Europe HV Silicon Carbide (SiC) Modules Consumption (2018-2029) & (K Pieces)

Figure 19. Japan HV Silicon Carbide (SiC) Modules Consumption (2018-2029) & (K Pieces)

Figure 20. South Korea HV Silicon Carbide (SiC) Modules Consumption (2018-2029) &

(K Pieces)

Figure 21. ASEAN HV Silicon Carbide (SiC) Modules Consumption (2018-2029) & (K Pieces)

Figure 22. India HV Silicon Carbide (SiC) Modules Consumption (2018-2029) & (K Pieces)

Figure 23. Producer Shipments of HV Silicon Carbide (SiC) Modules by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 24. Global Four-firm Concentration Ratios (CR4) for HV Silicon Carbide (SiC) Modules Markets in 2022

Figure 25. Global Four-firm Concentration Ratios (CR8) for HV Silicon Carbide (SiC) Modules Markets in 2022

Figure 26. United States VS China: HV Silicon Carbide (SiC) Modules Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: HV Silicon Carbide (SiC) Modules Production Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: HV Silicon Carbide (SiC) Modules Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers HV Silicon Carbide (SiC) Modules Production Market Share 2022

Figure 30. China Based Manufacturers HV Silicon Carbide (SiC) Modules Production Market Share 2022

Figure 31. Rest of World Based Manufacturers HV Silicon Carbide (SiC) Modules Production Market Share 2022

Figure 32. World HV Silicon Carbide (SiC) Modules Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 33. World HV Silicon Carbide (SiC) Modules Production Value Market Share by Type in 2022

Figure 34. 1200V

Figure 35. 1700V

Figure 36. 3300V

Figure 37. World HV Silicon Carbide (SiC) Modules Production Market Share by Type (2018-2029)

Figure 38. World HV Silicon Carbide (SiC) Modules Production Value Market Share by Type (2018-2029)

Figure 39. World HV Silicon Carbide (SiC) Modules Average Price by Type (2018-2029) & (US\$/Piece)

Figure 40. World HV Silicon Carbide (SiC) Modules Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World HV Silicon Carbide (SiC) Modules Production Value Market Share by

Application in 2022

Figure 42. Electric Vehicle

Figure 43. Rail Traffic

Figure 44. Solar Inverter

Figure 45. Industrial

Figure 46. UPS

Figure 47. Others

Figure 48. World HV Silicon Carbide (SiC) Modules Production Market Share by Application (2018-2029)

Figure 49. World HV Silicon Carbide (SiC) Modules Production Value Market Share by Application (2018-2029)

Figure 50. World HV Silicon Carbide (SiC) Modules Average Price by Application (2018-2029) & (US\$/Piece)

Figure 51. HV Silicon Carbide (SiC) Modules Industry Chain

Figure 52. HV Silicon Carbide (SiC) Modules Procurement Model

Figure 53. HV Silicon Carbide (SiC) Modules Sales Model

Figure 54. HV Silicon Carbide (SiC) Modules Sales Channels, Direct Sales, and Distribution

Figure 55. Methodology

Figure 56. Research Process and Data Source

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