

Global SiC Gel-filled Power Modules Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G14144B7439FEN.html>

Date: May 2026

Pages: 212

Price: US\$ 3,480.00 (Single User License)

ID: G14144B7439FEN

Abstracts

According to our (Global Info Research) latest study, the global SiC Gel-filled Power Modules market size was valued at US\$ 1702 million in 2025 and is forecast to a readjusted size of US\$ 5287 million by 2032 with a CAGR of 16.0% during review period.

SiC gel-filled power modules refer to power modules built around SiC MOSFETs and, in some cases, companion SiC diodes in which the active area is protected by silicone-gel encapsulation or other liquid potting materials inside a conventional case-type housing. From a packaging standpoint, this is the classic case-type / housing-type module architecture, clearly differentiated from transfer-molded or overmolded solutions. Mitsubishi Electric explicitly states that power-module sealing technologies mainly include transfer molding, silicone-gel sealing, and liquid epoxy sealing, and identifies silicone-gel sealing as the typical approach for general case-type modules. onsemi likewise separates gel-encapsulated case modules from transfer-molded modules within its EliteSiC traction-inverter portfolio, while Infineon material declarations for its Easy3B and 62mm SiC module families explicitly list silicone gel. In commercial terms, the product category spans half-bridge, six-pack, buck/boost, chopper, 3-level, and industry-standard 62mm / EasyPACK / HybridPACK / SEMITRANS-type formats, while the main voltage classes remain concentrated at 750V, 1200V, and 1700V, with extensions into 2000V, 3300V and above for industrial, traction, and grid-class applications.

In terms of applications and market structure, SiC gel-filled power modules remain one of the mainstream solutions in medium-to-high power, high-current, and high-voltage power conversion. Their primary application domains include EV traction inverters,

industrial motor drives, photovoltaic and storage converters, EV charging infrastructure, rail traction, grid equipment, and high-end power supplies. Infineon positions HybridPACK Drive with Si and SiC technology as a market-leading traction inverter module for electric vehicles; Hitachi Energy's RoadPak SiC targets a broad range of e-mobility applications; Fuji Electric has commercialized 1200V and 1700V All-SiC modules for motor drives, renewable energy and traction; and Semikron Danfoss offers SiC module portfolios covering six-pack, half-bridge and buck/boost topologies. Based on public product positioning, the competitive landscape is led primarily by Infineon, onsemi, Semikron Danfoss, Mitsubishi Electric, Fuji Electric, Wolfspeed, and Hitachi Energy, with European and US suppliers retaining strong positions in automotive and industrial standard platforms, while Japanese suppliers remain particularly strong in high-reliability, high-voltage and traction-oriented applications.

From an industry-status and trend perspective, SiC gel-filled power modules are unlikely to be rapidly displaced by transfer-molded modules. The more probable trajectory is a dual-track market structure, in which parts of the automotive market migrate toward molded packages, while industrial, high-voltage and large-format power stages continue to rely heavily on gel-filled or potted case modules. The fact that onsemi simultaneously offers gel-encapsulated case modules and transfer-molded modules already demonstrates that both architectures coexist commercially. Mitsubishi Electric further notes that, from its fifth automotive generation onward, T-PM gradually replaced conventional silicone-gel potting in selected vehicle platforms, indicating that automotive miniaturization and power-density requirements are driving molded adoption. However, that does not eliminate the engineering value of silicone-gel sealing in larger, high-current, high-isolation modules. Mitsubishi also highlights that silicone-gel sealing offers strong heat resistance and insulation performance, and its low viscosity makes it well suited for filling narrow internal gaps. In practice, mainstream industrial and standard-housing platforms from companies such as Infineon, Wolfspeed and Semikron Danfoss remain commercially relevant. Overall, SiC gel-filled power modules continue to represent a key package form in industrial standard packages, rail, grid, high-power charging, and selected traction systems, while the market evolves from a single packaging route toward a more application-segmented coexistence model.

The long-term demand outlook for SiC gel-filled power modules remains well supported by structural growth drivers. First, EV adoption continues to be the single strongest demand engine: the IEA expects global electric-car sales to exceed 20 million in 2025, with first-quarter sales already up 35% year on year, sustaining demand for high-performance SiC modules in traction inverters, auxiliary high-voltage converters and charging systems. Second, renewable-power expansion remains a major source of

medium- and high-voltage demand: the IEA projects almost 4,600 GW of additional renewable capacity between 2025 and 2030, with roughly 80% of that increase coming from solar PV, reinforcing the need for 1200V, 1700V and higher-voltage SiC modules in PV inverters, storage PCS and grid-side converters. Third, industrial drives, rail and grid equipment continue to require large-format, high-current, structurally mature and fully qualified module platforms. Fuji Electric explicitly positions its 1700V All-SiC modules for motor drives, renewable energy and traction, while Wolfspeed's 62mm SiC module family directly addresses industrial test equipment, rail/traction and EV charging infrastructure. Accordingly, even as transfer-molded packaging gains ground in selected automotive platforms, SiC gel-filled power modules are expected to retain a central role in medium-to-high power, high-voltage and high-reliability applications for the foreseeable future.

This report is a detailed and comprehensive analysis for global SiC Gel-filled Power Modules market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Voltage Class and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global SiC Gel-filled Power Modules market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global SiC Gel-filled Power Modules market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global SiC Gel-filled Power Modules market size and forecasts, by Voltage Class and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global SiC Gel-filled Power Modules market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for SiC Gel-filled Power Modules

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global SiC Gel-filled Power Modules market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Infineon, Wolfspeed, Rohm, onsemi, BYD Semiconductor, Microchip (Microsemi), Mitsubishi Electric, Semikron Danfoss, Fuji Electric, Toshiba, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

SiC Gel-filled Power Modules market is split by Voltage Class and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Voltage Class, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Voltage Class

1200V Gel-filled SiC Module

650-900V Gel-filled SiC Module

1700V Gel-filled SiC Module

2000-2300V Gel-filled SiC Module

3300V and Above Transfer Molded SiC Module

Market segment by Topology Type

Sixpack

Half-bridge

Full-Bridge

Others

Market segment by Package Type

HPD

DCM

T-PAK

Others

Market segment by Application

Automotive

Industrial

Household Appliances

PV/Wind Power/Energy Storage/Power Grid

UPS/Data Center/Communication

Rail Transit

Aviation and Military

Others

Major players covered

Infineon

Wolfspeed

Rohm

onsemi

BYD Semiconductor

Microchip (Microsemi)

Mitsubishi Electric

Semikron Danfoss

Fuji Electric

Toshiba

CETC 55

WeEn Semiconductors

BASiC Semiconductor

SemiQ

Bosch

GE Aerospace

Vishay Intertechnology

StarPower

Yangzhou Yangjie Electronic Technology

Guangdong AccoPower Semiconductor

Hangzhou Silan Microelectronics

United Nova Technology (UNT)

InventChip Technology (IVCT)

Leadrive Technology

HAIMOSIC (SHANGHAI)

Suzhou Xizhi Technology

Archimedes Semiconductor (Hefei)

Grecon Semiconductor (Shanghai)

Hebei Sinopack Electronic Technology

Denso

GeePak

Minebea Power Semiconductor Device

MacMic Science & Technolog

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe SiC Gel-filled Power Modules product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of SiC Gel-filled Power Modules, with price, sales quantity, revenue, and global market share of SiC Gel-filled Power Modules from 2021 to 2026.

Chapter 3, the SiC Gel-filled Power Modules competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the SiC Gel-filled Power Modules breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Voltage Class and by Application, with sales market share and growth rate by Voltage Class, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and SiC Gel-filled Power Modules market forecast, by regions, by Voltage Class, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of SiC Gel-filled Power Modules.

Chapter 14 and 15, to describe SiC Gel-filled Power Modules sales channel,

distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Voltage Class

1.3.1 Overview: Global SiC Gel-filled Power Modules Consumption Value by Voltage Class: 2021 Versus 2025 Versus 2032

1.3.2 1200V Gel-filled SiC Module

1.3.3 650-900V Gel-filled SiC Module

1.3.4 1700V Gel-filled SiC Module

1.3.5 2000-2300V Gel-filled SiC Module

1.3.6 3300V and Above Transfer Molded SiC Module

1.4 Market Analysis by Topology Type

1.4.1 Overview: Global SiC Gel-filled Power Modules Consumption Value by Topology Type: 2021 Versus 2025 Versus 2032

1.4.2 Sixpack

1.4.3 Half-bridge

1.4.4 Full-Bridge

1.4.5 Others

1.5 Market Analysis by Package Type

1.5.1 Overview: Global SiC Gel-filled Power Modules Consumption Value by Package Type: 2021 Versus 2025 Versus 2032

1.5.2 HPD

1.5.3 DCM

1.5.4 T-PAK

1.5.5 Others

1.6 Market Analysis by Application

1.6.1 Overview: Global SiC Gel-filled Power Modules Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.6.2 Automotive

1.6.3 Industrial

1.6.4 Household Appliances

1.6.5 PV/Wind Power/Energy Storage/Power Grid

1.6.6 UPS/Data Center/Communication

1.6.7 Rail Transit

1.6.8 Aviation and Military

1.6.9 Others

1.7 Global SiC Gel-filled Power Modules Market Size & Forecast

- 1.7.1 Global SiC Gel-filled Power Modules Consumption Value (2021 & 2025 & 2032)
- 1.7.2 Global SiC Gel-filled Power Modules Sales Quantity (2021-2032)
- 1.7.3 Global SiC Gel-filled Power Modules Average Price (2021-2032)

2 MANUFACTURERS PROFILES

2.1 Infineon

- 2.1.1 Infineon Details
- 2.1.2 Infineon Major Business
- 2.1.3 Infineon SiC Gel-filled Power Modules Product and Services
- 2.1.4 Infineon SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.1.5 Infineon Recent Developments/Updates

2.2 Wolfspeed

- 2.2.1 Wolfspeed Details
- 2.2.2 Wolfspeed Major Business
- 2.2.3 Wolfspeed SiC Gel-filled Power Modules Product and Services
- 2.2.4 Wolfspeed SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.2.5 Wolfspeed Recent Developments/Updates

2.3 Rohm

- 2.3.1 Rohm Details
- 2.3.2 Rohm Major Business
- 2.3.3 Rohm SiC Gel-filled Power Modules Product and Services
- 2.3.4 Rohm SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.3.5 Rohm Recent Developments/Updates

2.4 onsemi

- 2.4.1 onsemi Details
- 2.4.2 onsemi Major Business
- 2.4.3 onsemi SiC Gel-filled Power Modules Product and Services
- 2.4.4 onsemi SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.4.5 onsemi Recent Developments/Updates

2.5 BYD Semiconductor

- 2.5.1 BYD Semiconductor Details
- 2.5.2 BYD Semiconductor Major Business
- 2.5.3 BYD Semiconductor SiC Gel-filled Power Modules Product and Services

2.5.4 BYD Semiconductor SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.5.5 BYD Semiconductor Recent Developments/Updates

2.6 Microchip (Microsemi)

2.6.1 Microchip (Microsemi) Details

2.6.2 Microchip (Microsemi) Major Business

2.6.3 Microchip (Microsemi) SiC Gel-filled Power Modules Product and Services

2.6.4 Microchip (Microsemi) SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.6.5 Microchip (Microsemi) Recent Developments/Updates

2.7 Mitsubishi Electric

2.7.1 Mitsubishi Electric Details

2.7.2 Mitsubishi Electric Major Business

2.7.3 Mitsubishi Electric SiC Gel-filled Power Modules Product and Services

2.7.4 Mitsubishi Electric SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.7.5 Mitsubishi Electric Recent Developments/Updates

2.8 Semikron Danfoss

2.8.1 Semikron Danfoss Details

2.8.2 Semikron Danfoss Major Business

2.8.3 Semikron Danfoss SiC Gel-filled Power Modules Product and Services

2.8.4 Semikron Danfoss SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.8.5 Semikron Danfoss Recent Developments/Updates

2.9 Fuji Electric

2.9.1 Fuji Electric Details

2.9.2 Fuji Electric Major Business

2.9.3 Fuji Electric SiC Gel-filled Power Modules Product and Services

2.9.4 Fuji Electric SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.9.5 Fuji Electric Recent Developments/Updates

2.10 Toshiba

2.10.1 Toshiba Details

2.10.2 Toshiba Major Business

2.10.3 Toshiba SiC Gel-filled Power Modules Product and Services

2.10.4 Toshiba SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.10.5 Toshiba Recent Developments/Updates

2.11 CETC

- 2.11.1 CETC 55 Details
- 2.11.2 CETC 55 Major Business
- 2.11.3 CETC 55 SiC Gel-filled Power Modules Product and Services
- 2.11.4 CETC 55 SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.11.5 CETC 55 Recent Developments/Updates
- 2.12 WeEn Semiconductors
 - 2.12.1 WeEn Semiconductors Details
 - 2.12.2 WeEn Semiconductors Major Business
 - 2.12.3 WeEn Semiconductors SiC Gel-filled Power Modules Product and Services
 - 2.12.4 WeEn Semiconductors SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.12.5 WeEn Semiconductors Recent Developments/Updates
- 2.13 BASiC Semiconductor
 - 2.13.1 BASiC Semiconductor Details
 - 2.13.2 BASiC Semiconductor Major Business
 - 2.13.3 BASiC Semiconductor SiC Gel-filled Power Modules Product and Services
 - 2.13.4 BASiC Semiconductor SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.13.5 BASiC Semiconductor Recent Developments/Updates
- 2.14 SemiQ
 - 2.14.1 SemiQ Details
 - 2.14.2 SemiQ Major Business
 - 2.14.3 SemiQ SiC Gel-filled Power Modules Product and Services
 - 2.14.4 SemiQ SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.14.5 SemiQ Recent Developments/Updates
- 2.15 Bosch
 - 2.15.1 Bosch Details
 - 2.15.2 Bosch Major Business
 - 2.15.3 Bosch SiC Gel-filled Power Modules Product and Services
 - 2.15.4 Bosch SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.15.5 Bosch Recent Developments/Updates
- 2.16 GE Aerospace
 - 2.16.1 GE Aerospace Details
 - 2.16.2 GE Aerospace Major Business
 - 2.16.3 GE Aerospace SiC Gel-filled Power Modules Product and Services
 - 2.16.4 GE Aerospace SiC Gel-filled Power Modules Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2021-2026)

2.16.5 GE Aerospace Recent Developments/Updates

2.17 Vishay Intertechnology

2.17.1 Vishay Intertechnology Details

2.17.2 Vishay Intertechnology Major Business

2.17.3 Vishay Intertechnology SiC Gel-filled Power Modules Product and Services

2.17.4 Vishay Intertechnology SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.17.5 Vishay Intertechnology Recent Developments/Updates

2.18 StarPower

2.18.1 StarPower Details

2.18.2 StarPower Major Business

2.18.3 StarPower SiC Gel-filled Power Modules Product and Services

2.18.4 StarPower SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.18.5 StarPower Recent Developments/Updates

2.19 Yangzhou Yangjie Electronic Technology

2.19.1 Yangzhou Yangjie Electronic Technology Details

2.19.2 Yangzhou Yangjie Electronic Technology Major Business

2.19.3 Yangzhou Yangjie Electronic Technology SiC Gel-filled Power Modules Product and Services

2.19.4 Yangzhou Yangjie Electronic Technology SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.19.5 Yangzhou Yangjie Electronic Technology Recent Developments/Updates

2.20 Guangdong AccoPower Semiconductor

2.20.1 Guangdong AccoPower Semiconductor Details

2.20.2 Guangdong AccoPower Semiconductor Major Business

2.20.3 Guangdong AccoPower Semiconductor SiC Gel-filled Power Modules Product and Services

2.20.4 Guangdong AccoPower Semiconductor SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.20.5 Guangdong AccoPower Semiconductor Recent Developments/Updates

2.21 Hangzhou Silan Microelectronics

2.21.1 Hangzhou Silan Microelectronics Details

2.21.2 Hangzhou Silan Microelectronics Major Business

2.21.3 Hangzhou Silan Microelectronics SiC Gel-filled Power Modules Product and Services

2.21.4 Hangzhou Silan Microelectronics SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

- 2.21.5 Hangzhou Silan Microelectronics Recent Developments/Updates
- 2.22 United Nova Technology (UNT)
 - 2.22.1 United Nova Technology (UNT) Details
 - 2.22.2 United Nova Technology (UNT) Major Business
 - 2.22.3 United Nova Technology (UNT) SiC Gel-filled Power Modules Product and Services
 - 2.22.4 United Nova Technology (UNT) SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.22.5 United Nova Technology (UNT) Recent Developments/Updates
- 2.23 InventChip Technology (IVCT)
 - 2.23.1 InventChip Technology (IVCT) Details
 - 2.23.2 InventChip Technology (IVCT) Major Business
 - 2.23.3 InventChip Technology (IVCT) SiC Gel-filled Power Modules Product and Services
 - 2.23.4 InventChip Technology (IVCT) SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.23.5 InventChip Technology (IVCT) Recent Developments/Updates
- 2.24 Leadrive Technology
 - 2.24.1 Leadrive Technology Details
 - 2.24.2 Leadrive Technology Major Business
 - 2.24.3 Leadrive Technology SiC Gel-filled Power Modules Product and Services
 - 2.24.4 Leadrive Technology SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.24.5 Leadrive Technology Recent Developments/Updates
- 2.25 HAIMOSIC (SHANGHAI)
 - 2.25.1 HAIMOSIC (SHANGHAI) Details
 - 2.25.2 HAIMOSIC (SHANGHAI) Major Business
 - 2.25.3 HAIMOSIC (SHANGHAI) SiC Gel-filled Power Modules Product and Services
 - 2.25.4 HAIMOSIC (SHANGHAI) SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.25.5 HAIMOSIC (SHANGHAI) Recent Developments/Updates
- 2.26 Suzhou Xizhi Technology
 - 2.26.1 Suzhou Xizhi Technology Details
 - 2.26.2 Suzhou Xizhi Technology Major Business
 - 2.26.3 Suzhou Xizhi Technology SiC Gel-filled Power Modules Product and Services
 - 2.26.4 Suzhou Xizhi Technology SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.26.5 Suzhou Xizhi Technology Recent Developments/Updates
- 2.27 Archimedes Semiconductor (Hefei)

- 2.27.1 Archimedes Semiconductor (Hefei) Details
- 2.27.2 Archimedes Semiconductor (Hefei) Major Business
- 2.27.3 Archimedes Semiconductor (Hefei) SiC Gel-filled Power Modules Product and Services
- 2.27.4 Archimedes Semiconductor (Hefei) SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.27.5 Archimedes Semiconductor (Hefei) Recent Developments/Updates
- 2.28 Grecon Semiconductor (Shanghai)
- 2.28.1 Grecon Semiconductor (Shanghai) Details
- 2.28.2 Grecon Semiconductor (Shanghai) Major Business
- 2.28.3 Grecon Semiconductor (Shanghai) SiC Gel-filled Power Modules Product and Services
- 2.28.4 Grecon Semiconductor (Shanghai) SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.28.5 Grecon Semiconductor (Shanghai) Recent Developments/Updates
- 2.29 Hebei Sinopack Electronic Technology
- 2.29.1 Hebei Sinopack Electronic Technology Details
- 2.29.2 Hebei Sinopack Electronic Technology Major Business
- 2.29.3 Hebei Sinopack Electronic Technology SiC Gel-filled Power Modules Product and Services
- 2.29.4 Hebei Sinopack Electronic Technology SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.29.5 Hebei Sinopack Electronic Technology Recent Developments/Updates
- 2.30 Denso
- 2.30.1 Denso Details
- 2.30.2 Denso Major Business
- 2.30.3 Denso SiC Gel-filled Power Modules Product and Services
- 2.30.4 Denso SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.30.5 Denso Recent Developments/Updates
- 2.31 GeePak
- 2.31.1 GeePak Details
- 2.31.2 GeePak Major Business
- 2.31.3 GeePak SiC Gel-filled Power Modules Product and Services
- 2.31.4 GeePak SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.31.5 GeePak Recent Developments/Updates
- 2.32 Minebea Power Semiconductor Device
- 2.32.1 Minebea Power Semiconductor Device Details

- 2.32.2 Minebea Power Semiconductor Device Major Business
- 2.32.3 Minebea Power Semiconductor Device SiC Gel-filled Power Modules Product and Services
- 2.32.4 Minebea Power Semiconductor Device SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.32.5 Minebea Power Semiconductor Device Recent Developments/Updates
- 2.33 MacMic Science & Technolog
 - 2.33.1 MacMic Science & Technolog Details
 - 2.33.2 MacMic Science & Technolog Major Business
 - 2.33.3 MacMic Science & Technolog SiC Gel-filled Power Modules Product and Services
 - 2.33.4 MacMic Science & Technolog SiC Gel-filled Power Modules Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.33.5 MacMic Science & Technolog Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: SiC GEL-FILLED POWER MODULES BY MANUFACTURER

- 3.1 Global SiC Gel-filled Power Modules Sales Quantity by Manufacturer (2021-2026)
- 3.2 Global SiC Gel-filled Power Modules Revenue by Manufacturer (2021-2026)
- 3.3 Global SiC Gel-filled Power Modules Average Price by Manufacturer (2021-2026)
- 3.4 Market Share Analysis (2025)
 - 3.4.1 Producer Shipments of SiC Gel-filled Power Modules by Manufacturer Revenue (\$MM) and Market Share (%): 2025
 - 3.4.2 Top 3 SiC Gel-filled Power Modules Manufacturer Market Share in 2025
 - 3.4.3 Top 6 SiC Gel-filled Power Modules Manufacturer Market Share in 2025
- 3.5 SiC Gel-filled Power Modules Market: Overall Company Footprint Analysis
 - 3.5.1 SiC Gel-filled Power Modules Market: Region Footprint
 - 3.5.2 SiC Gel-filled Power Modules Market: Company Product Type Footprint
 - 3.5.3 SiC Gel-filled Power Modules Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global SiC Gel-filled Power Modules Market Size by Region
 - 4.1.1 Global SiC Gel-filled Power Modules Sales Quantity by Region (2021-2032)
 - 4.1.2 Global SiC Gel-filled Power Modules Consumption Value by Region (2021-2032)
 - 4.1.3 Global SiC Gel-filled Power Modules Average Price by Region (2021-2032)

- 4.2 North America SiC Gel-filled Power Modules Consumption Value (2021-2032)
- 4.3 Europe SiC Gel-filled Power Modules Consumption Value (2021-2032)
- 4.4 Asia-Pacific SiC Gel-filled Power Modules Consumption Value (2021-2032)
- 4.5 South America SiC Gel-filled Power Modules Consumption Value (2021-2032)
- 4.6 Middle East & Africa SiC Gel-filled Power Modules Consumption Value (2021-2032)

5 MARKET SEGMENT BY VOLTAGE CLASS

- 5.1 Global SiC Gel-filled Power Modules Sales Quantity by Voltage Class (2021-2032)
- 5.2 Global SiC Gel-filled Power Modules Consumption Value by Voltage Class (2021-2032)
- 5.3 Global SiC Gel-filled Power Modules Average Price by Voltage Class (2021-2032)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global SiC Gel-filled Power Modules Sales Quantity by Application (2021-2032)
- 6.2 Global SiC Gel-filled Power Modules Consumption Value by Application (2021-2032)
- 6.3 Global SiC Gel-filled Power Modules Average Price by Application (2021-2032)

7 NORTH AMERICA

- 7.1 North America SiC Gel-filled Power Modules Sales Quantity by Voltage Class (2021-2032)
- 7.2 North America SiC Gel-filled Power Modules Sales Quantity by Application (2021-2032)
- 7.3 North America SiC Gel-filled Power Modules Market Size by Country
 - 7.3.1 North America SiC Gel-filled Power Modules Sales Quantity by Country (2021-2032)
 - 7.3.2 North America SiC Gel-filled Power Modules Consumption Value by Country (2021-2032)
 - 7.3.3 United States Market Size and Forecast (2021-2032)
 - 7.3.4 Canada Market Size and Forecast (2021-2032)
 - 7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

- 8.1 Europe SiC Gel-filled Power Modules Sales Quantity by Voltage Class (2021-2032)
- 8.2 Europe SiC Gel-filled Power Modules Sales Quantity by Application (2021-2032)

8.3 Europe SiC Gel-filled Power Modules Market Size by Country

8.3.1 Europe SiC Gel-filled Power Modules Sales Quantity by Country (2021-2032)

8.3.2 Europe SiC Gel-filled Power Modules Consumption Value by Country (2021-2032)

8.3.3 Germany Market Size and Forecast (2021-2032)

8.3.4 France Market Size and Forecast (2021-2032)

8.3.5 United Kingdom Market Size and Forecast (2021-2032)

8.3.6 Russia Market Size and Forecast (2021-2032)

8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

9.1 Asia-Pacific SiC Gel-filled Power Modules Sales Quantity by Voltage Class (2021-2032)

9.2 Asia-Pacific SiC Gel-filled Power Modules Sales Quantity by Application (2021-2032)

9.3 Asia-Pacific SiC Gel-filled Power Modules Market Size by Region

9.3.1 Asia-Pacific SiC Gel-filled Power Modules Sales Quantity by Region (2021-2032)

9.3.2 Asia-Pacific SiC Gel-filled Power Modules Consumption Value by Region (2021-2032)

9.3.3 China Market Size and Forecast (2021-2032)

9.3.4 Japan Market Size and Forecast (2021-2032)

9.3.5 South Korea Market Size and Forecast (2021-2032)

9.3.6 India Market Size and Forecast (2021-2032)

9.3.7 Southeast Asia Market Size and Forecast (2021-2032)

9.3.8 Australia Market Size and Forecast (2021-2032)

10 SOUTH AMERICA

10.1 South America SiC Gel-filled Power Modules Sales Quantity by Voltage Class (2021-2032)

10.2 South America SiC Gel-filled Power Modules Sales Quantity by Application (2021-2032)

10.3 South America SiC Gel-filled Power Modules Market Size by Country

10.3.1 South America SiC Gel-filled Power Modules Sales Quantity by Country (2021-2032)

10.3.2 South America SiC Gel-filled Power Modules Consumption Value by Country (2021-2032)

10.3.3 Brazil Market Size and Forecast (2021-2032)

10.3.4 Argentina Market Size and Forecast (2021-2032)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa SiC Gel-filled Power Modules Sales Quantity by Voltage Class (2021-2032)

11.2 Middle East & Africa SiC Gel-filled Power Modules Sales Quantity by Application (2021-2032)

11.3 Middle East & Africa SiC Gel-filled Power Modules Market Size by Country

11.3.1 Middle East & Africa SiC Gel-filled Power Modules Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa SiC Gel-filled Power Modules Consumption Value by Country (2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

11.3.4 Egypt Market Size and Forecast (2021-2032)

11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)

11.3.6 South Africa Market Size and Forecast (2021-2032)

12 MARKET DYNAMICS

12.1 SiC Gel-filled Power Modules Market Drivers

12.2 SiC Gel-filled Power Modules Market Restraints

12.3 SiC Gel-filled Power Modules Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of SiC Gel-filled Power Modules and Key Manufacturers

13.2 Manufacturing Costs Percentage of SiC Gel-filled Power Modules

13.3 SiC Gel-filled Power Modules Production Process

13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 SiC Gel-filled Power Modules Typical Distributors

14.3 SiC Gel-filled Power Modules Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global SiC Gel-filled Power Modules Consumption Value by Voltage Class, (USD Million), 2021 & 2025 & 2032

Table 2. Global SiC Gel-filled Power Modules Consumption Value by Topology Type, (USD Million), 2021 & 2025 & 2032

Table 3. Global SiC Gel-filled Power Modules Consumption Value by Package Type, (USD Million), 2021 & 2025 & 2032

Table 4. Global SiC Gel-filled Power Modules Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 5. Infineon Basic Information, Manufacturing Base and Competitors

Table 6. Infineon Major Business

Table 7. Infineon SiC Gel-filled Power Modules Product and Services

Table 8. Infineon SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 9. Infineon Recent Developments/Updates

Table 10. Wolfspeed Basic Information, Manufacturing Base and Competitors

Table 11. Wolfspeed Major Business

Table 12. Wolfspeed SiC Gel-filled Power Modules Product and Services

Table 13. Wolfspeed SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 14. Wolfspeed Recent Developments/Updates

Table 15. Rohm Basic Information, Manufacturing Base and Competitors

Table 16. Rohm Major Business

Table 17. Rohm SiC Gel-filled Power Modules Product and Services

Table 18. Rohm SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 19. Rohm Recent Developments/Updates

Table 20. onsemi Basic Information, Manufacturing Base and Competitors

Table 21. onsemi Major Business

Table 22. onsemi SiC Gel-filled Power Modules Product and Services

Table 23. onsemi SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 24. onsemi Recent Developments/Updates

Table 25. BYD Semiconductor Basic Information, Manufacturing Base and Competitors

Table 26. BYD Semiconductor Major Business

Table 27. BYD Semiconductor SiC Gel-filled Power Modules Product and Services

Table 28. BYD Semiconductor SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 29. BYD Semiconductor Recent Developments/Updates

Table 30. Microchip (Microsemi) Basic Information, Manufacturing Base and Competitors

Table 31. Microchip (Microsemi) Major Business

Table 32. Microchip (Microsemi) SiC Gel-filled Power Modules Product and Services

Table 33. Microchip (Microsemi) SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 34. Microchip (Microsemi) Recent Developments/Updates

Table 35. Mitsubishi Electric Basic Information, Manufacturing Base and Competitors

Table 36. Mitsubishi Electric Major Business

Table 37. Mitsubishi Electric SiC Gel-filled Power Modules Product and Services

Table 38. Mitsubishi Electric SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 39. Mitsubishi Electric Recent Developments/Updates

Table 40. Semikron Danfoss Basic Information, Manufacturing Base and Competitors

Table 41. Semikron Danfoss Major Business

Table 42. Semikron Danfoss SiC Gel-filled Power Modules Product and Services

Table 43. Semikron Danfoss SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 44. Semikron Danfoss Recent Developments/Updates

Table 45. Fuji Electric Basic Information, Manufacturing Base and Competitors

Table 46. Fuji Electric Major Business

Table 47. Fuji Electric SiC Gel-filled Power Modules Product and Services

Table 48. Fuji Electric SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 49. Fuji Electric Recent Developments/Updates

Table 50. Toshiba Basic Information, Manufacturing Base and Competitors

Table 51. Toshiba Major Business

Table 52. Toshiba SiC Gel-filled Power Modules Product and Services

Table 53. Toshiba SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 54. Toshiba Recent Developments/Updates

Table 55. CETC 55 Basic Information, Manufacturing Base and Competitors

Table 56. CETC 55 Major Business

Table 57. CETC 55 SiC Gel-filled Power Modules Product and Services

Table 58. CETC 55 SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 59. CETC 55 Recent Developments/Updates

Table 60. WeEn Semiconductors Basic Information, Manufacturing Base and Competitors

Table 61. WeEn Semiconductors Major Business

Table 62. WeEn Semiconductors SiC Gel-filled Power Modules Product and Services

Table 63. WeEn Semiconductors SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 64. WeEn Semiconductors Recent Developments/Updates

Table 65. BASiC Semiconductor Basic Information, Manufacturing Base and Competitors

Table 66. BASiC Semiconductor Major Business

Table 67. BASiC Semiconductor SiC Gel-filled Power Modules Product and Services

Table 68. BASiC Semiconductor SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 69. BASiC Semiconductor Recent Developments/Updates

Table 70. SemiQ Basic Information, Manufacturing Base and Competitors

Table 71. SemiQ Major Business

Table 72. SemiQ SiC Gel-filled Power Modules Product and Services

Table 73. SemiQ SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 74. SemiQ Recent Developments/Updates

Table 75. Bosch Basic Information, Manufacturing Base and Competitors

Table 76. Bosch Major Business

Table 77. Bosch SiC Gel-filled Power Modules Product and Services

Table 78. Bosch SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Bosch Recent Developments/Updates

Table 80. GE Aerospace Basic Information, Manufacturing Base and Competitors

Table 81. GE Aerospace Major Business

Table 82. GE Aerospace SiC Gel-filled Power Modules Product and Services

Table 83. GE Aerospace SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 84. GE Aerospace Recent Developments/Updates

Table 85. Vishay Intertechnology Basic Information, Manufacturing Base and Competitors

Table 86. Vishay Intertechnology Major Business

Table 87. Vishay Intertechnology SiC Gel-filled Power Modules Product and Services

Table 88. Vishay Intertechnology SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 89. Vishay Intertechnology Recent Developments/Updates

Table 90. StarPower Basic Information, Manufacturing Base and Competitors

Table 91. StarPower Major Business

Table 92. StarPower SiC Gel-filled Power Modules Product and Services

Table 93. StarPower SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 94. StarPower Recent Developments/Updates

Table 95. Yangzhou Yangjie Electronic Technology Basic Information, Manufacturing Base and Competitors

Table 96. Yangzhou Yangjie Electronic Technology Major Business

Table 97. Yangzhou Yangjie Electronic Technology SiC Gel-filled Power Modules Product and Services

Table 98. Yangzhou Yangjie Electronic Technology SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 99. Yangzhou Yangjie Electronic Technology Recent Developments/Updates

Table 100. Guangdong AccoPower Semiconductor Basic Information, Manufacturing Base and Competitors

Table 101. Guangdong AccoPower Semiconductor Major Business

Table 102. Guangdong AccoPower Semiconductor SiC Gel-filled Power Modules Product and Services

Table 103. Guangdong AccoPower Semiconductor SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 104. Guangdong AccoPower Semiconductor Recent Developments/Updates

Table 105. Hangzhou Silan Microelectronics Basic Information, Manufacturing Base and Competitors

Table 106. Hangzhou Silan Microelectronics Major Business

Table 107. Hangzhou Silan Microelectronics SiC Gel-filled Power Modules Product and Services

Table 108. Hangzhou Silan Microelectronics SiC Gel-filled Power Modules Sales

Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. Hangzhou Silan Microelectronics Recent Developments/Updates

Table 110. United Nova Technology (UNT) Basic Information, Manufacturing Base and Competitors

Table 111. United Nova Technology (UNT) Major Business

Table 112. United Nova Technology (UNT) SiC Gel-filled Power Modules Product and Services

Table 113. United Nova Technology (UNT) SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 114. United Nova Technology (UNT) Recent Developments/Updates

Table 115. InventChip Technology (IVCT) Basic Information, Manufacturing Base and Competitors

Table 116. InventChip Technology (IVCT) Major Business

Table 117. InventChip Technology (IVCT) SiC Gel-filled Power Modules Product and Services

Table 118. InventChip Technology (IVCT) SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 119. InventChip Technology (IVCT) Recent Developments/Updates

Table 120. Leadrive Technology Basic Information, Manufacturing Base and Competitors

Table 121. Leadrive Technology Major Business

Table 122. Leadrive Technology SiC Gel-filled Power Modules Product and Services

Table 123. Leadrive Technology SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 124. Leadrive Technology Recent Developments/Updates

Table 125. HAIMOSIC (SHANGHAI) Basic Information, Manufacturing Base and Competitors

Table 126. HAIMOSIC (SHANGHAI) Major Business

Table 127. HAIMOSIC (SHANGHAI) SiC Gel-filled Power Modules Product and Services

Table 128. HAIMOSIC (SHANGHAI) SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 129. HAIMOSIC (SHANGHAI) Recent Developments/Updates

Table 130. Suzhou Xizhi Technology Basic Information, Manufacturing Base and

Competitors

Table 131. Suzhou Xizhi Technology Major Business

Table 132. Suzhou Xizhi Technology SiC Gel-filled Power Modules Product and Services

Table 133. Suzhou Xizhi Technology SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 134. Suzhou Xizhi Technology Recent Developments/Updates

Table 135. Archimedes Semiconductor (Hefei) Basic Information, Manufacturing Base and Competitors

Table 136. Archimedes Semiconductor (Hefei) Major Business

Table 137. Archimedes Semiconductor (Hefei) SiC Gel-filled Power Modules Product and Services

Table 138. Archimedes Semiconductor (Hefei) SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 139. Archimedes Semiconductor (Hefei) Recent Developments/Updates

Table 140. Grecon Semiconductor (Shanghai) Basic Information, Manufacturing Base and Competitors

Table 141. Grecon Semiconductor (Shanghai) Major Business

Table 142. Grecon Semiconductor (Shanghai) SiC Gel-filled Power Modules Product and Services

Table 143. Grecon Semiconductor (Shanghai) SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 144. Grecon Semiconductor (Shanghai) Recent Developments/Updates

Table 145. Hebei Sinopack Electronic Technology Basic Information, Manufacturing Base and Competitors

Table 146. Hebei Sinopack Electronic Technology Major Business

Table 147. Hebei Sinopack Electronic Technology SiC Gel-filled Power Modules Product and Services

Table 148. Hebei Sinopack Electronic Technology SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 149. Hebei Sinopack Electronic Technology Recent Developments/Updates

Table 150. Denso Basic Information, Manufacturing Base and Competitors

Table 151. Denso Major Business

Table 152. Denso SiC Gel-filled Power Modules Product and Services

Table 153. Denso SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price

(US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 154. Denso Recent Developments/Updates

Table 155. GeePak Basic Information, Manufacturing Base and Competitors

Table 156. GeePak Major Business

Table 157. GeePak SiC Gel-filled Power Modules Product and Services

Table 158. GeePak SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 159. GeePak Recent Developments/Updates

Table 160. Minebea Power Semiconductor Device Basic Information, Manufacturing Base and Competitors

Table 161. Minebea Power Semiconductor Device Major Business

Table 162. Minebea Power Semiconductor Device SiC Gel-filled Power Modules Product and Services

Table 163. Minebea Power Semiconductor Device SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 164. Minebea Power Semiconductor Device Recent Developments/Updates

Table 165. MacMic Science & Technolog Basic Information, Manufacturing Base and Competitors

Table 166. MacMic Science & Technolog Major Business

Table 167. MacMic Science & Technolog SiC Gel-filled Power Modules Product and Services

Table 168. MacMic Science & Technolog SiC Gel-filled Power Modules Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 169. MacMic Science & Technolog Recent Developments/Updates

Table 170. Global SiC Gel-filled Power Modules Sales Quantity by Manufacturer (2021-2026) & (K Units)

Table 171. Global SiC Gel-filled Power Modules Revenue by Manufacturer (2021-2026) & (USD Million)

Table 172. Global SiC Gel-filled Power Modules Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 173. Market Position of Manufacturers in SiC Gel-filled Power Modules, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 174. Head Office and SiC Gel-filled Power Modules Production Site of Key Manufacturer

Table 175. SiC Gel-filled Power Modules Market: Company Product Type Footprint

Table 176. SiC Gel-filled Power Modules Market: Company Product Application Footprint

Table 177. SiC Gel-filled Power Modules New Market Entrants and Barriers to Market Entry

Table 178. SiC Gel-filled Power Modules Mergers, Acquisition, Agreements, and Collaborations

Table 179. Global SiC Gel-filled Power Modules Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 180. Global SiC Gel-filled Power Modules Sales Quantity by Region (2021-2026) & (K Units)

Table 181. Global SiC Gel-filled Power Modules Sales Quantity by Region (2027-2032) & (K Units)

Table 182. Global SiC Gel-filled Power Modules Consumption Value by Region (2021-2026) & (USD Million)

Table 183. Global SiC Gel-filled Power Modules Consumption Value by Region (2027-2032) & (USD Million)

Table 184. Global SiC Gel-filled Power Modules Average Price by Region (2021-2026) & (US\$/Unit)

Table 185. Global SiC Gel-filled Power Modules Average Price by Region (2027-2032) & (US\$/Unit)

Table 186. Global SiC Gel-filled Power Modules Sales Quantity by Voltage Class (2021-2026) & (K Units)

Table 187. Global SiC Gel-filled Power Modules Sales Quantity by Voltage Class (2027-2032) & (K Units)

Table 188. Global SiC Gel-filled Power Modules Consumption Value by Voltage Class (2021-2026) & (USD Million)

Table 189. Global SiC Gel-filled Power Modules Consumption Value by Voltage Class (2027-2032) & (USD Million)

Table 190. Global SiC Gel-filled Power Modules Average Price by Voltage Class (2021-2026) & (US\$/Unit)

Table 191. Global SiC Gel-filled Power Modules Average Price by Voltage Class (2027-2032) & (US\$/Unit)

Table 192. Global SiC Gel-filled Power Modules Sales Quantity by Application (2021-2026) & (K Units)

Table 193. Global SiC Gel-filled Power Modules Sales Quantity by Application (2027-2032) & (K Units)

Table 194. Global SiC Gel-filled Power Modules Consumption Value by Application (2021-2026) & (USD Million)

Table 195. Global SiC Gel-filled Power Modules Consumption Value by Application (2027-2032) & (USD Million)

Table 196. Global SiC Gel-filled Power Modules Average Price by Application

(2021-2026) & (US\$/Unit)

Table 197. Global SiC Gel-filled Power Modules Average Price by Application

(2027-2032) & (US\$/Unit)

Table 198. North America SiC Gel-filled Power Modules Sales Quantity by Voltage Class (2021-2026) & (K Units)

Table 199. North America SiC Gel-filled Power Modules Sales Quantity by Voltage Class (2027-2032) & (K Units)

Table 200. North America SiC Gel-filled Power Modules Sales Quantity by Application (2021-2026) & (K Units)

Table 201. North America SiC Gel-filled Power Modules Sales Quantity by Application (2027-2032) & (K Units)

Table 202. North America SiC Gel-filled Power Modules Sales Quantity by Country (2021-2026) & (K Units)

Table 203. North America SiC Gel-filled Power Modules Sales Quantity by Country (2027-2032) & (K Units)

Table 204. North America SiC Gel-filled Power Modules Consumption Value by Country (2021-2026) & (USD Million)

Table 205. North America SiC Gel-filled Power Modules Consumption Value by Country (2027-2032) & (USD Million)

Table 206. Europe SiC Gel-filled Power Modules Sales Quantity by Voltage Class (2021-2026) & (K Units)

Table 207. Europe SiC Gel-filled Power Modules Sales Quantity by Voltage Class (2027-2032) & (K Units)

Table 208. Europe SiC Gel-filled Power Modules Sales Quantity by Application (2021-2026) & (K Units)

Table 209. Europe SiC Gel-filled Power Modules Sales Quantity by Application (2027-2032) & (K Units)

Table 210. Europe SiC Gel-filled Power Modules Sales Quantity by Country (2021-2026) & (K Units)

Table 211. Europe SiC Gel-filled Power Modules Sales Quantity by Country (2027-2032) & (K Units)

Table 212. Europe SiC Gel-filled Power Modules Consumption Value by Country (2021-2026) & (USD Million)

Table 213. Europe SiC Gel-filled Power Modules Consumption Value by Country (2027-2032) & (USD Million)

Table 214. Asia-Pacific SiC Gel-filled Power Modules Sales Quantity by Voltage Class (2021-2026) & (K Units)

Table 215. Asia-Pacific SiC Gel-filled Power Modules Sales Quantity by Voltage Class (2027-2032) & (K Units)

Table 216. Asia-Pacific SiC Gel-filled Power Modules Sales Quantity by Application (2021-2026) & (K Units)

Table 217. Asia-Pacific SiC Gel-filled Power Modules Sales Quantity by Application (2027-2032) & (K Units)

Table 218. Asia-Pacific SiC Gel-filled Power Modules Sales Quantity by Region (2021-2026) & (K Units)

Table 219. Asia-Pacific SiC Gel-filled Power Modules Sales Quantity by Region (2027-2032) & (K Units)

Table 220. Asia-Pacific SiC Gel-filled Power Modules Consumption Value by Region (2021-2026) & (USD Million)

Table 221. Asia-Pacific SiC Gel-filled Power Modules Consumption Value by Region (2027-2032) & (USD Million)

Table 222. South America SiC Gel-filled Power Modules Sales Quantity by Voltage Class (2021-2026) & (K Units)

Table 223. South America SiC Gel-filled Power Modules Sales Quantity by Voltage Class (2027-2032) & (K Units)

Table 224. South America SiC Gel-filled Power Modules Sales Quantity by Application (2021-2026) & (K Units)

Table 225. South America SiC Gel-filled Power Modules Sales Quantity by Application (2027-2032) & (K Units)

Table 226. South America SiC Gel-filled Power Modules Sales Quantity by Country (2021-2026) & (K Units)

Table 227. South America SiC Gel-filled Power Modules Sales Quantity by Country (2027-2032) & (K Units)

Table 228. South America SiC Gel-filled Power Modules Consumption Value by Country (2021-2026) & (USD Million)

Table 229. South America SiC Gel-filled Power Modules Consumption Value by Country (2027-2032) & (USD Million)

Table 230. Middle East & Africa SiC Gel-filled Power Modules Sales Quantity by Voltage Class (2021-2026) & (K Units)

Table 231. Middle East & Africa SiC Gel-filled Power Modules Sales Quantity by Voltage Class (2027-2032) & (K Units)

Table 232. Middle East & Africa SiC Gel-filled Power Modules Sales Quantity by Application (2021-2026) & (K Units)

Table 233. Middle East & Africa SiC Gel-filled Power Modules Sales Quantity by Application (2027-2032) & (K Units)

Table 234. Middle East & Africa SiC Gel-filled Power Modules Sales Quantity by Country (2021-2026) & (K Units)

Table 235. Middle East & Africa SiC Gel-filled Power Modules Sales Quantity by

Country (2027-2032) & (K Units)

Table 236. Middle East & Africa SiC Gel-filled Power Modules Consumption Value by Country (2021-2026) & (USD Million)

Table 237. Middle East & Africa SiC Gel-filled Power Modules Consumption Value by Country (2027-2032) & (USD Million)

Table 238. SiC Gel-filled Power Modules Raw Material

Table 239. Key Manufacturers of SiC Gel-filled Power Modules Raw Materials

Table 240. SiC Gel-filled Power Modules Typical Distributors

Table 241. SiC Gel-filled Power Modules Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. SiC Gel-filled Power Modules Picture
- Figure 2. Global SiC Gel-filled Power Modules Revenue by Voltage Class, (USD Million), 2021 & 2025 & 2032
- Figure 3. Global SiC Gel-filled Power Modules Revenue Market Share by Voltage Class in 2025
- Figure 4. 1200V Gel-filled SiC Module Examples
- Figure 5. 650?900V Gel-filled SiC Module Examples
- Figure 6. 1700V Gel-filled SiC Module Examples
- Figure 7. 2000-2300V Gel-filled SiC Module Examples
- Figure 8. 3300V and Above Transfer Molded SiC Module Examples
- Figure 9. Global SiC Gel-filled Power Modules Revenue by Topology Type, (USD Million), 2021 & 2025 & 2032
- Figure 10. Global SiC Gel-filled Power Modules Revenue Market Share by Topology Type in 2025
- Figure 11. Sixpack Examples
- Figure 12. Half-bridge Examples
- Figure 13. Full-Bridge Examples
- Figure 14. Others Examples
- Figure 15. Global SiC Gel-filled Power Modules Revenue by Package Type, (USD Million), 2021 & 2025 & 2032
- Figure 16. Global SiC Gel-filled Power Modules Revenue Market Share by Package Type in 2025
- Figure 17. HPD Examples
- Figure 18. DCM Examples
- Figure 19. T-PAK Examples
- Figure 20. Others Examples
- Figure 21. Global SiC Gel-filled Power Modules Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Figure 22. Global SiC Gel-filled Power Modules Revenue Market Share by Application in 2025
- Figure 23. Automotive Examples
- Figure 24. Industrial Examples
- Figure 25. Household Appliances Examples
- Figure 26. PV/Wind Power/Energy Storage/Power Grid Examples
- Figure 27. UPS/Data Center/Communication Examples

Figure 28. Rail Transit Examples

Figure 29. Aviation and Military Examples

Figure 30. Others Examples

Figure 31. Others Examples

Figure 32. Global SiC Gel-filled Power Modules Consumption Value, (USD Million):
2021 & 2025 & 2032

Figure 33. Global SiC Gel-filled Power Modules Consumption Value and Forecast
(2021-2032) & (USD Million)

Figure 34. Global SiC Gel-filled Power Modules Sales Quantity (2021-2032) & (K Units)

Figure 35. Global SiC Gel-filled Power Modules Price (2021-2032) & (US\$/Unit)

Figure 36. Global SiC Gel-filled Power Modules Sales Quantity Market Share by
Manufacturer in 2025

Figure 37. Global SiC Gel-filled Power Modules Revenue Market Share by
Manufacturer in 2025

Figure 38. Producer Shipments of SiC Gel-filled Power Modules by Manufacturer Sales
(\$MM) and Market Share (%): 2025

Figure 39. Top 3 SiC Gel-filled Power Modules Manufacturer (Revenue) Market Share
in 2025

Figure 40. Top 6 SiC Gel-filled Power Modules Manufacturer (Revenue) Market Share
in 2025

Figure 41. Global SiC Gel-filled Power Modules Sales Quantity Market Share by Region
(2021-2032)

Figure 42. Global SiC Gel-filled Power Modules Consumption Value Market Share by
Region (2021-2032)

Figure 43. North America SiC Gel-filled Power Modules Consumption Value
(2021-2032) & (USD Million)

Figure 44. Europe SiC Gel-filled Power Modules Consumption Value (2021-2032) &
(USD Million)

Figure 45. Asia-Pacific SiC Gel-filled Power Modules Consumption Value (2021-2032) &
(USD Million)

Figure 46. South America SiC Gel-filled Power Modules Consumption Value
(2021-2032) & (USD Million)

Figure 47. Middle East & Africa SiC Gel-filled Power Modules Consumption Value
(2021-2032) & (USD Million)

Figure 48. Global SiC Gel-filled Power Modules Sales Quantity Market Share by
Voltage Class (2021-2032)

Figure 49. Global SiC Gel-filled Power Modules Consumption Value Market Share by
Voltage Class (2021-2032)

Figure 50. Global SiC Gel-filled Power Modules Average Price by Voltage Class

(2021-2032) & (US\$/Unit)

Figure 51. Global SiC Gel-filled Power Modules Sales Quantity Market Share by Application (2021-2032)

Figure 52. Global SiC Gel-filled Power Modules Revenue Market Share by Application (2021-2032)

Figure 53. Global SiC Gel-filled Power Modules Average Price by Application (2021-2032) & (US\$/Unit)

Figure 54. North America SiC Gel-filled Power Modules Sales Quantity Market Share by Voltage Class (2021-2032)

Figure 55. North America SiC Gel-filled Power Modules Sales Quantity Market Share by Application (2021-2032)

Figure 56. North America SiC Gel-filled Power Modules Sales Quantity Market Share by Country (2021-2032)

Figure 57. North America SiC Gel-filled Power Modules Consumption Value Market Share by Country (2021-2032)

Figure 58. United States SiC Gel-filled Power Modules Consumption Value (2021-2032) & (USD Million)

Figure 59. Canada SiC Gel-filled Power Modules Consumption Value (2021-2032) & (USD Million)

Figure 60. Mexico SiC Gel-filled Power Modules Consumption Value (2021-2032) & (USD Million)

Figure 61. Europe SiC Gel-filled Power Modules Sales Quantity Market Share by Voltage Class (2021-2032)

Figure 62. Europe SiC Gel-filled Power Modules Sales Quantity Market Share by Application (2021-2032)

Figure 63. Europe SiC Gel-filled Power Modules Sales Quantity Market Share by Country (2021-2032)

Figure 64. Europe SiC Gel-filled Power Modules Consumption Value Market Share by Country (2021-2032)

Figure 65. Germany SiC Gel-filled Power Modules Consumption Value (2021-2032) & (USD Million)

Figure 66. France SiC Gel-filled Power Modules Consumption Value (2021-2032) & (USD Million)

Figure 67. United Kingdom SiC Gel-filled Power Modules Consumption Value (2021-2032) & (USD Million)

Figure 68. Russia SiC Gel-filled Power Modules Consumption Value (2021-2032) & (USD Million)

Figure 69. Italy SiC Gel-filled Power Modules Consumption Value (2021-2032) & (USD Million)

Figure 70. Asia-Pacific SiC Gel-filled Power Modules Sales Quantity Market Share by Voltage Class (2021-2032)

Figure 71. Asia-Pacific SiC Gel-filled Power Modules Sales Quantity Market Share by Application (2021-2032)

Figure 72. Asia-Pacific SiC Gel-filled Power Modules Sales Quantity Market Share by Region (2021-2032)

Figure 73. Asia-Pacific SiC Gel-filled Power Modules Consumption Value Market Share by Region (2021-2032)

Figure 74. China SiC Gel-filled Power Modules Consumption Value (2021-2032) & (USD Million)

Figure 75. Japan SiC Gel-filled Power Modules Consumption Value (2021-2032) & (USD Million)

Figure 76. South Korea SiC Gel-filled Power Modules Consumption Value (2021-2032) & (USD Million)

Figure 77. India SiC Gel-filled Power Modules Consumption Value (2021-2032) & (USD Million)

Figure 78. Southeast Asia SiC Gel-filled Power Modules Consumption Value (2021-2032) & (USD Million)

Figure 79. Australia SiC Gel-filled Power Modules Consumption Value (2021-2032) & (USD Million)

Figure 80. South America SiC Gel-filled Power Modules Sales Quantity Market Share by Voltage Class (2021-2032)

Figure 81. South America SiC Gel-filled Power Modules Sales Quantity Market Share by Application (2021-2032)

Figure 82. South America SiC Gel-filled Power Modules Sales Quantity Market Share by Country (2021-2032)

Figure 83. South America SiC Gel-filled Power Modules Consumption Value Market Share by Country (2021-2032)

Figure 84. Brazil SiC Gel-filled Power Modules Consumption Value (2021-2032) & (USD Million)

Figure 85. Argentina SiC Gel-filled Power Modules Consumption Value (2021-2032) & (USD Million)

Figure 86. Middle East & Africa SiC Gel-filled Power Modules Sales Quantity Market Share by Voltage Class (2021-2032)

Figure 87. Middle East & Africa SiC Gel-filled Power Modules Sales Quantity Market Share by Application (2021-2032)

Figure 88. Middle East & Africa SiC Gel-filled Power Modules Sales Quantity Market Share by Country (2021-2032)

Figure 89. Middle East & Africa SiC Gel-filled Power Modules Consumption Value

Market Share by Country (2021-2032)

Figure 90. Turkey SiC Gel-filled Power Modules Consumption Value (2021-2032) & (USD Million)

Figure 91. Egypt SiC Gel-filled Power Modules Consumption Value (2021-2032) & (USD Million)

Figure 92. Saudi Arabia SiC Gel-filled Power Modules Consumption Value (2021-2032) & (USD Million)

Figure 93. South Africa SiC Gel-filled Power Modules Consumption Value (2021-2032) & (USD Million)

Figure 94. SiC Gel-filled Power Modules Market Drivers

Figure 95. SiC Gel-filled Power Modules Market Restraints

Figure 96. SiC Gel-filled Power Modules Market Trends

Figure 97. Porters Five Forces Analysis

Figure 98. Manufacturing Cost Structure Analysis of SiC Gel-filled Power Modules in 2025

Figure 99. Manufacturing Process Analysis of SiC Gel-filled Power Modules

Figure 100. SiC Gel-filled Power Modules Industrial Chain

Figure 101. Sales Channel: Direct to End-User vs Distributors

Figure 102. Direct Channel Pros & Cons

Figure 103. Indirect Channel Pros & Cons

Figure 104. Methodology

Figure 105. Research Process and Data Source

I would like to order

Product name: Global SiC Gel-filled Power Modules Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/G14144B7439FEN.html>

Price: US\$ 3,480.00 (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/G14144B7439FEN.html>