+357 96 030922
info@marketpublishers.com

Global SiC Power Modules for AI Data Center Power Supply, Demand and Key Producers, 2026-2032

https://marketpublishers.com/r/GF63A8DA9B4BEN.html
Date: September 2026
Pages: 122
Price: US$ 4,480.00 (Single User License)
ID: GF63A8DA9B4BEN

Abstracts

The global SiC Power Modules for AI Data Center Power market size is expected to reach $ 1401 million by 2032, rising at a market growth of 29.8% CAGR during the forecast period (2026-2032).

SiC Power Modules for AI Data Center Power are modular silicon carbide power semiconductor devices designed for high-power-density electrical distribution and power conversion in artificial intelligence data centers. They integrate SiC MOSFETs, SiC Schottky diodes, or hybrid Si/SiC devices on insulated substrates within power-module packages to support high-voltage, high-current, high-frequency, and low-loss switching. The market mainly covers voltage classes from approximately 650 V to 3.3 kV and configurations such as half-bridge, full-bridge, three-level, three-phase bridge, and buck/boost topologies. Key deployment points include front-end rectification, UPS and backup power, high-voltage DC buses, DC-DC conversion, energy-storage interfaces, and solid-state transformers serving AI data centers. The research scope focuses on SiC devices purchased and integrated as discrete power modules into data-center power equipment, with key evaluation parameters including rated voltage and current, conduction and switching losses, parasitic inductance, thermal resistance, insulation capability, power-cycling reliability, and package thermal performance. The estimated blended gross margin is approximately 38%.

Market Trends

AI rack power is moving from the hundred-kilowatt range toward megawatt-class designs, increasing copper losses, busbar size, and thermal stress in traditional low-voltage high-current distribution. This is pushing data-center power architectures toward

+357 96 030922
info@marketpublishers.com

higher DC bus voltages and fewer conversion stages. The role of SiC power modules is therefore expanding from incremental switching-loss reduction to enabling centralized 800 VDC systems, high-power UPS platforms, bidirectional energy-storage interfaces, and solid-state transformer architectures. Product development is concentrating on 1200 V and higher voltage classes, low-parasitic-inductance packages, sintered interconnects, high-thermal-conductivity insulated substrates, higher junction-temperature capability, and compatibility with liquid or enhanced cooling. Higher switching frequency also supports smaller magnetics and higher system power density.

Drivers

Rapid deployment of generative-AI training and inference clusters is making rack power density, conversion efficiency, and availability critical data-center constraints. High-efficiency SiC modules can reduce losses in AC-DC and high-voltage DC-DC stages while lowering cooling demand and passive-component size. In parallel, the move toward 800 VDC architectures, DC-coupled storage, and modular high-power UPS platforms is creating incremental demand for medium- and high-voltage SiC power modules.

Restraints

SiC substrates, epitaxy, and high-reliability packaging still carry a meaningful cost premium, while some server front-end stages must compete on total system cost with mature silicon MOSFET, IGBT, and GaN solutions. Module value also depends heavily on thermal design, gate-drive matching, and converter topology. Without simultaneous optimization of magnetics, cooling, and control, device-level efficiency gains may not fully translate into system-level economics.

Opportunities

The strongest opportunities are emerging in 800 VDC power sidecars, megawatt-class rack power systems, high-power bidirectional UPS and battery-backup platforms, centralized rectification, energy-storage interfaces, and medium-voltage solid-state transformers. As AI compute campuses expand from individual halls to multi-building high-density sites, SiC modules can move from component substitution toward architecture-level design-in, broadening the design window for 1200 V, 1700 V, and

+357 96 030922
info@marketpublishers.com

higher-voltage platforms.

Challenges

AI data-center power architectures are still evolving rapidly, while standards for 800 VDC distribution, protection, connectors, and safety continue to mature. Customer requirements for redundancy, short-circuit protection, insulation, and thermal management vary substantially, leading to long qualification cycles and significant engineering customization. Continued SiC capacity expansion can also pressure device pricing, requiring suppliers to defend profitability through chip performance, packaging reliability, and stronger system-level support.

Industry Chain Analysis

Upstream inputs include SiC substrates and epitaxy, MOSFET and Schottky die, AMB/DBC insulated substrates, copper terminals, sintering materials, and encapsulation materials. Wafer yield, die area, and high-thermal-conductivity substrates remain major cost and performance factors. Module manufacturers create value through die paralleling, interconnect design, low-inductance current paths, insulation, thermal-path optimization, and reliability qualification such as power cycling and high-temperature/high-humidity testing. Downstream, modules are integrated into server power supplies, UPS systems, battery-backup and energy-storage equipment, high-voltage DC distribution, DC-DC converters, and solid-state transformers before deployment in AI data centers. As SiC die prices decline, more value is expected to migrate toward low-inductance packaging, double-sided or enhanced cooling, integrated sensing, and system co-design.

Segment Insights

By voltage class, 1200 V modules are expected to become the core segment for high-voltage DC and high-power conversion in AI data centers. The 650–750 V range remains relevant to selected conventional AC front ends and lower-bus-voltage platforms, while 1700 V and higher devices are better positioned for facility-level conversion and emerging solid-state transformer stages. By device integration, full-SiC MOSFET modules are gaining fastest in efficiency- and power-density-driven projects, while hybrid SiC solutions retain a cost advantage in selected UPS and industrialized power platforms. Current ratings are also moving upward, with growing demand above

+357 96 030922
info@marketpublishers.com

300 A as centralized converters seek fewer parallel modules and higher power per building block.

Downstream Market Opportunities

Hyperscale AI data centers remain the primary early adopters because they upgrade power architectures quickly, operate the highest rack densities, and place a high economic value on conversion losses. Colocation operators are following as they host larger GPU clusters and upgrade electrical infrastructure for high-density tenants. Enterprise and edge data centers are likely to adopt more gradually, but private AI clusters, low-latency inference, and regional compute nodes should create additional demand.

Regional Insights

North America remains the largest near-term market, supported by hyperscale cloud investment, GPU cluster deployment, and new AI campuses, and it is likely to lead early adoption of 800 VDC and megawatt-class rack architectures. Asia-Pacific combines expanding data-center capacity with a strong server, power-supply, and power-semiconductor manufacturing base, supporting localized sourcing across China, Japan, Korea, and Southeast Asia. Europe is smaller in absolute deployment but has strong incentives around energy efficiency, grid constraints, and high-efficiency power electronics, supporting adoption of SiC modules and DC-oriented architectures.

Competitive Landscape Analysis

Competition combines integrated power-semiconductor suppliers with SiC wafer and device capabilities and specialized module manufacturers focused on packaging and topology flexibility. Leading suppliers are investing in 200 mm SiC manufacturing, 1200 V to 1700 V platforms, low-inductance packaging, and data-center reference designs, while module specialists compete through multi-source chip strategies, standardized footprints, and configurable circuit topologies. As AI data-center customers move from component selection toward system-level architecture co-design, qualification history, long-term reliability, capacity assurance, and joint optimization with gate drivers, controllers, and thermal systems are becoming more important than isolated chip specifications.

+357 96 030922
info@marketpublishers.com

Report Scope

This report studies the global SiC Power Modules for AI Data Center Power production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for SiC Power Modules for AI Data Center Power and provides market size (US$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of SiC Power Modules for AI Data Center Power that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global SiC Power Modules for AI Data Center Power total production and demand, 2021-2032, (K Units)

Global SiC Power Modules for AI Data Center Power total production value, 2021-2032, (USD Million)

Global SiC Power Modules for AI Data Center Power production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global SiC Power Modules for AI Data Center Power consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: SiC Power Modules for AI Data Center Power domestic production, consumption, key domestic manufacturers and share

Global SiC Power Modules for AI Data Center Power production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global SiC Power Modules for AI Data Center Power production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

+357 96 030922
info@marketpublishers.com

Global SiC Power Modules for AI Data Center Power production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global SiC Power Modules for AI Data Center Power 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, Wolfspeed, ROHM Semiconductor, Onsemi, STMicroelectronics, Mitsubishi Electric, Fuji Electric, Semikron Danfoss, Microchip Technology, Vincotech, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World SiC Power Modules for AI Data Center Power market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US$ Millions), volume (production, consumption) & (K Units) and average price (US$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global SiC Power Modules for AI Data Center Power Market, By Region:

United States

China

Europe

Japan

+357 96 030922
info@marketpublishers.com

South Korea

ASEAN

India

Rest of World

Market Segmentation

Global SiC Power Modules for AI Data Center Power Market, Segmentation by Type:

650–750 V

900–1200 V

1700 V

2000 V and Above

Other

Global SiC Power Modules for AI Data Center Power Market, Segmentation by Circuit Topology:

Half-Bridge / Phase-Leg

Full-Bridge

Three-Level

Three-Phase Bridge

Buck/Boost

+357 96 030922
info@marketpublishers.com

Other

Global SiC Power Modules for AI Data Center Power Market, Segmentation by Device Integration:

Full-SiC MOSFET Modules

Hybrid SiC Modules

SiC Diode Modules

Other

Global SiC Power Modules for AI Data Center Power Market, Segmentation by Rated Current:

100 A and Below

101–300 A

301–600 A

Above 600 A

Global SiC Power Modules for AI Data Center Power Market, Segmentation by Application:

Cloud and Colocation

Enterprise

Telecom

Government and Research

+357 96 030922
info@marketpublishers.com

Others

Companies Profiled:

Infineon Technologies

Wolfspeed

ROHM Semiconductor

Onsemi

STMicroelectronics

Mitsubishi Electric

Fuji Electric

Semikron Danfoss

Microchip Technology

Vincotech

StarPower Semiconductor

MACMIC

Key Questions Answered

1. How big is the global SiC Power Modules for AI Data Center Power market?
2. What is the demand of the global SiC Power Modules for AI Data Center Power market?
3. What is the year over year growth of the global SiC Power Modules for AI Data Center Power market?

+357 96 030922
info@marketpublishers.com

4. What is the total value of the global SiC Power Modules for AI Data Center Power market?
5. Who are the Major Players in the global SiC Power Modules for AI Data Center Power market?
6. What are the growth factors driving the market demand?

+357 96 030922
info@marketpublishers.com

Contents

1 SUPPLY SUMMARY

1.1 SiC Power Modules for AI Data Center Power Introduction
1.2 World SiC Power Modules for AI Data Center Power Supply & Forecast
  1.2.1 World SiC Power Modules for AI Data Center Power Production Value (2021 & 2025 & 2032)
  1.2.2 World SiC Power Modules for AI Data Center Power Production (2021-2032)
  1.2.3 World SiC Power Modules for AI Data Center Power Pricing Trends (2021-2032)
1.3 World SiC Power Modules for AI Data Center Power Production by Region (Based on Production Site)
  1.3.1 World SiC Power Modules for AI Data Center Power Production Value by Region (2021-2032)
  1.3.2 World SiC Power Modules for AI Data Center Power Production by Region (2021-2032)
  1.3.3 World SiC Power Modules for AI Data Center Power Average Price by Region (2021-2032)
  1.3.4 North America SiC Power Modules for AI Data Center Power Production (2021-2032)
  1.3.5 Europe SiC Power Modules for AI Data Center Power Production (2021-2032)
  1.3.6 China SiC Power Modules for AI Data Center Power Production (2021-2032)
  1.3.7 Japan SiC Power Modules for AI Data Center Power Production (2021-2032)
  1.3.8 South Korea SiC Power Modules for AI Data Center Power Production (2021-2032)
  1.3.9 Southeast Asia SiC Power Modules for AI Data Center Power Production (2021-2032)
  1.3.10 China Taiwan SiC Power Modules for AI Data Center Power Production (2021-2032)
1.4 Market Drivers, Restraints and Trends
  1.4.1 SiC Power Modules for AI Data Center Power Market Drivers
  1.4.2 Factors Affecting Demand
  1.4.3 SiC Power Modules for AI Data Center Power Major Market Trends

2 DEMAND SUMMARY

2.1 World SiC Power Modules for AI Data Center Power Demand (2021-2032)
2.2 World SiC Power Modules for AI Data Center Power Consumption by Region
  2.2.1 World SiC Power Modules for AI Data Center Power Consumption by Region

+357 96 030922
info@marketpublishers.com

(2021-2026)
2.2.2 World SiC Power Modules for AI Data Center Power Consumption Forecast by Region (2027-2032)
2.3 United States SiC Power Modules for AI Data Center Power Consumption (2021-2032)
2.4 China SiC Power Modules for AI Data Center Power Consumption (2021-2032)
2.5 Europe SiC Power Modules for AI Data Center Power Consumption (2021-2032)
2.6 Japan SiC Power Modules for AI Data Center Power Consumption (2021-2032)
2.7 South Korea SiC Power Modules for AI Data Center Power Consumption (2021-2032)
2.8 ASEAN SiC Power Modules for AI Data Center Power Consumption (2021-2032)
2.9 India SiC Power Modules for AI Data Center Power Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World SiC Power Modules for AI Data Center Power Production Value by Manufacturer (2021-2026)
3.2 World SiC Power Modules for AI Data Center Power Production by Manufacturer (2021-2026)
3.3 World SiC Power Modules for AI Data Center Power Average Price by Manufacturer (2021-2026)
3.4 SiC Power Modules for AI Data Center Power Company Evaluation Quadrant
3.5 Industry Rank and Concentration Rate (CR)
3.5.1 Global SiC Power Modules for AI Data Center Power Industry Rank of Major Manufacturers
3.5.2 Global Concentration Ratios (CR4) for SiC Power Modules for AI Data Center Power in 2025
3.5.3 Global Concentration Ratios (CR8) for SiC Power Modules for AI Data Center Power in 2025
3.6 SiC Power Modules for AI Data Center Power Market: Overall Company Footprint Analysis
3.6.1 SiC Power Modules for AI Data Center Power Market: Region Footprint
3.6.2 SiC Power Modules for AI Data Center Power Market: Company Product Type Footprint
3.6.3 SiC Power Modules for AI Data Center Power Market: Company Product Application Footprint
3.7 Competitive Environment
3.7.1 Historical Structure of the Industry
3.7.2 Barriers of Market Entry

+357 96 030922
info@marketpublishers.com

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: SiC Power Modules for AI Data Center Power Production Value Comparison
4.1.1 United States VS China: SiC Power Modules for AI Data Center Power Production Value Comparison (2021 & 2025 & 2032)
4.1.2 United States VS China: SiC Power Modules for AI Data Center Power Production Value Market Share Comparison (2021 & 2025 & 2032)
4.2 United States VS China: SiC Power Modules for AI Data Center Power Production Comparison
4.2.1 United States VS China: SiC Power Modules for AI Data Center Power Production Comparison (2021 & 2025 & 2032)
4.2.2 United States VS China: SiC Power Modules for AI Data Center Power Production Market Share Comparison (2021 & 2025 & 2032)
4.3 United States VS China: SiC Power Modules for AI Data Center Power Consumption Comparison
4.3.1 United States VS China: SiC Power Modules for AI Data Center Power Consumption Comparison (2021 & 2025 & 2032)
4.3.2 United States VS China: SiC Power Modules for AI Data Center Power Consumption Market Share Comparison (2021 & 2025 & 2032)
4.4 United States Based SiC Power Modules for AI Data Center Power Manufacturers and Market Share, 2021-2026
4.4.1 United States Based SiC Power Modules for AI Data Center Power Manufacturers, Headquarters and Production Site (States, Country)
4.4.2 United States Based Manufacturers SiC Power Modules for AI Data Center Power Production Value (2021-2026)
4.4.3 United States Based Manufacturers SiC Power Modules for AI Data Center Power Production (2021-2026)
4.5 China Based SiC Power Modules for AI Data Center Power Manufacturers and Market Share
4.5.1 China Based SiC Power Modules for AI Data Center Power Manufacturers, Headquarters and Production Site (Province, Country)
4.5.2 China Based Manufacturers SiC Power Modules for AI Data Center Power Production Value (2021-2026)
4.5.3 China Based Manufacturers SiC Power Modules for AI Data Center Power

+357 96 030922
info@marketpublishers.com

Production (2021-2026)
4.6 Rest of World Based SiC Power Modules for AI Data Center Power Manufacturers and Market Share, 2021-2026
4.6.1 Rest of World Based SiC Power Modules for AI Data Center Power Manufacturers, Headquarters and Production Site (State, Country)
4.6.2 Rest of World Based Manufacturers SiC Power Modules for AI Data Center Power Production Value (2021-2026)
4.6.3 Rest of World Based Manufacturers SiC Power Modules for AI Data Center Power Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World SiC Power Modules for AI Data Center Power Market Size Overview by Type: 2021 VS 2025 VS 2032
5.2 Segment Introduction by Type
5.2.1 650–750 V
5.2.2 900–1200 V
5.2.3 1700 V
5.2.4 2000 V and Above
5.2.5 Other
5.3 Market Segment by Type
5.3.1 World SiC Power Modules for AI Data Center Power Production by Type (2021-2032)
5.3.2 World SiC Power Modules for AI Data Center Power Production Value by Type (2021-2032)
5.3.3 World SiC Power Modules for AI Data Center Power Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY CIRCUIT TOPOLOGY

6.1 World SiC Power Modules for AI Data Center Power Market Size Overview by Circuit Topology: 2021 VS 2025 VS 2032
6.2 Segment Introduction by Circuit Topology
6.2.1 Half-Bridge / Phase-Leg
6.2.2 Full-Bridge
6.2.3 Three-Level
6.2.4 Three-Phase Bridge
6.2.5 Buck/Boost
6.2.6 Other

+357 96 030922
info@marketpublishers.com

6.3 Market Segment by Circuit Topology
6.3.1 World SiC Power Modules for AI Data Center Power Production by Circuit Topology (2021-2032)
6.3.2 World SiC Power Modules for AI Data Center Power Production Value by Circuit Topology (2021-2032)
6.3.3 World SiC Power Modules for AI Data Center Power Average Price by Circuit Topology (2021-2032)

7 MARKET ANALYSIS BY DEVICE INTEGRATION

7.1 World SiC Power Modules for AI Data Center Power Market Size Overview by Device Integration: 2021 VS 2025 VS 2032
7.2 Segment Introduction by Device Integration
7.2.1 Full-SiC MOSFET Modules
7.2.2 Hybrid SiC Modules
7.2.3 SiC Diode Modules
7.2.4 Other
7.3 Market Segment by Device Integration
7.3.1 World SiC Power Modules for AI Data Center Power Production by Device Integration (2021-2032)
7.3.2 World SiC Power Modules for AI Data Center Power Production Value by Device Integration (2021-2032)
7.3.3 World SiC Power Modules for AI Data Center Power Average Price by Device Integration (2021-2032)

8 MARKET ANALYSIS BY RATED CURRENT

8.1 World SiC Power Modules for AI Data Center Power Market Size Overview by Rated Current: 2021 VS 2025 VS 2032
8.2 Segment Introduction by Rated Current
8.2.1 100 A and Below
8.2.2 101–300 A
8.2.3 301–600 A
8.2.4 Above 600 A
8.3 Market Segment by Rated Current
8.3.1 World SiC Power Modules for AI Data Center Power Production by Rated Current (2021-2032)
8.3.2 World SiC Power Modules for AI Data Center Power Production Value by Rated Current (2021-2032)

+357 96 030922
info@marketpublishers.com

8.3.3 World SiC Power Modules for AI Data Center Power Average Price by Rated Current (2021-2032)

9 MARKET ANALYSIS BY APPLICATION

9.1 World SiC Power Modules for AI Data Center Power Market Size Overview by Application: 2021 VS 2025 VS 2032
9.2 Segment Introduction by Application
9.2.1 Cloud and Colocation
9.2.2 Enterprise
9.2.3 Telecom
9.2.4 Government and Research
9.2.5 Others
9.3 Market Segment by Application
9.3.1 World SiC Power Modules for AI Data Center Power Production by Application (2021-2032)
9.3.2 World SiC Power Modules for AI Data Center Power Production Value by Application (2021-2032)
9.3.3 World SiC Power Modules for AI Data Center Power Average Price by Application (2021-2032)

10 COMPANY PROFILES

10.1 Infineon Technologies
10.1.1 Infineon Technologies Details
10.1.2 Infineon Technologies Major Business
10.1.3 Infineon Technologies SiC Power Modules for AI Data Center Power Product and Services
10.1.4 Infineon Technologies SiC Power Modules for AI Data Center Power Production, Price, Value, Gross Margin and Market Share (2021-2026)
10.1.5 Infineon Technologies Recent Developments/Updates
10.1.6 Infineon Technologies Competitive Strengths & Weaknesses
10.2 Wolfspeed
10.2.1 Wolfspeed Details
10.2.2 Wolfspeed Major Business
10.2.3 Wolfspeed SiC Power Modules for AI Data Center Power Product and Services
10.2.4 Wolfspeed SiC Power Modules for AI Data Center Power Production, Price, Value, Gross Margin and Market Share (2021-2026)
10.2.5 Wolfspeed Recent Developments/Updates

+357 96 030922
info@marketpublishers.com

10.2.6 Wolfspeed Competitive Strengths & Weaknesses
10.3 ROHM Semiconductor
10.3.1 ROHM Semiconductor Details
10.3.2 ROHM Semiconductor Major Business
10.3.3 ROHM Semiconductor SiC Power Modules for AI Data Center Power Product and Services
10.3.4 ROHM Semiconductor SiC Power Modules for AI Data Center Power Production, Price, Value, Gross Margin and Market Share (2021-2026)
10.3.5 ROHM Semiconductor Recent Developments/Updates
10.3.6 ROHM Semiconductor Competitive Strengths & Weaknesses
10.4 Onsemi
10.4.1 Onsemi Details
10.4.2 Onsemi Major Business
10.4.3 Onsemi SiC Power Modules for AI Data Center Power Product and Services
10.4.4 Onsemi SiC Power Modules for AI Data Center Power Production, Price, Value, Gross Margin and Market Share (2021-2026)
10.4.5 Onsemi Recent Developments/Updates
10.4.6 Onsemi Competitive Strengths & Weaknesses
10.5 STMicroelectronics
10.5.1 STMicroelectronics Details
10.5.2 STMicroelectronics Major Business
10.5.3 STMicroelectronics SiC Power Modules for AI Data Center Power Product and Services
10.5.4 STMicroelectronics SiC Power Modules for AI Data Center Power Production, Price, Value, Gross Margin and Market Share (2021-2026)
10.5.5 STMicroelectronics Recent Developments/Updates
10.5.6 STMicroelectronics Competitive Strengths & Weaknesses
10.6 Mitsubishi Electric
10.6.1 Mitsubishi Electric Details
10.6.2 Mitsubishi Electric Major Business
10.6.3 Mitsubishi Electric SiC Power Modules for AI Data Center Power Product and Services
10.6.4 Mitsubishi Electric SiC Power Modules for AI Data Center Power Production, Price, Value, Gross Margin and Market Share (2021-2026)
10.6.5 Mitsubishi Electric Recent Developments/Updates
10.6.6 Mitsubishi Electric Competitive Strengths & Weaknesses
10.7 Fuji Electric
10.7.1 Fuji Electric Details
10.7.2 Fuji Electric Major Business

+357 96 030922
info@marketpublishers.com

10.7.3 Fuji Electric SiC Power Modules for AI Data Center Power Product and Services
10.7.4 Fuji Electric SiC Power Modules for AI Data Center Power Production, Price, Value, Gross Margin and Market Share (2021-2026)
10.7.5 Fuji Electric Recent Developments/Updates
10.7.6 Fuji Electric Competitive Strengths & Weaknesses
10.8 Semikron Danfoss
10.8.1 Semikron Danfoss Details
10.8.2 Semikron Danfoss Major Business
10.8.3 Semikron Danfoss SiC Power Modules for AI Data Center Power Product and Services
10.8.4 Semikron Danfoss SiC Power Modules for AI Data Center Power Production, Price, Value, Gross Margin and Market Share (2021-2026)
10.8.5 Semikron Danfoss Recent Developments/Updates
10.8.6 Semikron Danfoss Competitive Strengths & Weaknesses
10.9 Microchip Technology
10.9.1 Microchip Technology Details
10.9.2 Microchip Technology Major Business
10.9.3 Microchip Technology SiC Power Modules for AI Data Center Power Product and Services
10.9.4 Microchip Technology SiC Power Modules for AI Data Center Power Production, Price, Value, Gross Margin and Market Share (2021-2026)
10.9.5 Microchip Technology Recent Developments/Updates
10.9.6 Microchip Technology Competitive Strengths & Weaknesses
10.10 Vincotech
10.10.1 Vincotech Details
10.10.2 Vincotech Major Business
10.10.3 Vincotech SiC Power Modules for AI Data Center Power Product and Services
10.10.4 Vincotech SiC Power Modules for AI Data Center Power Production, Price, Value, Gross Margin and Market Share (2021-2026)
10.10.5 Vincotech Recent Developments/Updates
10.10.6 Vincotech Competitive Strengths & Weaknesses
10.11 StarPower Semiconductor
10.11.1 StarPower Semiconductor Details
10.11.2 StarPower Semiconductor Major Business
10.11.3 StarPower Semiconductor SiC Power Modules for AI Data Center Power Product and Services
10.11.4 StarPower Semiconductor SiC Power Modules for AI Data Center Power Production, Price, Value, Gross Margin and Market Share (2021-2026)

+357 96 030922
info@marketpublishers.com

10.11.5 StarPower Semiconductor Recent Developments/Updates
10.11.6 StarPower Semiconductor Competitive Strengths & Weaknesses
10.12 MACMIC
10.12.1 MACMIC Details
10.12.2 MACMIC Major Business
10.12.3 MACMIC SiC Power Modules for AI Data Center Power Product and Services
10.12.4 MACMIC SiC Power Modules for AI Data Center Power Production, Price, Value, Gross Margin and Market Share (2021-2026)
10.12.5 MACMIC Recent Developments/Updates
10.12.6 MACMIC Competitive Strengths & Weaknesses

11 INDUSTRY CHAIN ANALYSIS

11.1 SiC Power Modules for AI Data Center Power Industry Chain
11.2 SiC Power Modules for AI Data Center Power Upstream Analysis
11.2.1 SiC Power Modules for AI Data Center Power Core Raw Materials
11.2.2 Main Manufacturers of SiC Power Modules for AI Data Center Power Core Raw Materials
11.3 Midstream Analysis
11.4 Downstream Analysis
11.5 SiC Power Modules for AI Data Center Power Production Mode
11.6 SiC Power Modules for AI Data Center Power Procurement Model
11.7 SiC Power Modules for AI Data Center Power Industry Sales Model and Sales Channels
11.7.1 SiC Power Modules for AI Data Center Power Sales Model
11.7.2 SiC Power Modules for AI Data Center Power Typical Distributors

12 RESEARCH FINDINGS AND CONCLUSION

13 APPENDIX

13.1 Methodology
13.2 Research Process and Data Source
13.3 Disclaimer

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. World SiC Power Modules for AI Data Center Power Production Value by Region (2021, 2025 and 2032) & (USD Million)
Table 2. World SiC Power Modules for AI Data Center Power Production Value by Region (2021-2026) & (USD Million)
Table 3. World SiC Power Modules for AI Data Center Power Production Value by Region (2027-2032) & (USD Million)
Table 4. World SiC Power Modules for AI Data Center Power Production Value Market Share by Region (2021-2026)
Table 5. World SiC Power Modules for AI Data Center Power Production Value Market Share by Region (2027-2032)
Table 6. World SiC Power Modules for AI Data Center Power Production by Region (2021-2026) & (K Units)
Table 7. World SiC Power Modules for AI Data Center Power Production by Region (2027-2032) & (K Units)
Table 8. World SiC Power Modules for AI Data Center Power Production Market Share by Region (2021-2026)
Table 9. World SiC Power Modules for AI Data Center Power Production Market Share by Region (2027-2032)
Table 10. World SiC Power Modules for AI Data Center Power Average Price by Region (2021-2026) & (US$/Unit)
Table 11. World SiC Power Modules for AI Data Center Power Average Price by Region (2027-2032) & (US$/Unit)
Table 12. SiC Power Modules for AI Data Center Power Major Market Trends
Table 13. World SiC Power Modules for AI Data Center Power Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)
Table 14. World SiC Power Modules for AI Data Center Power Consumption by Region (2021-2026) & (K Units)
Table 15. World SiC Power Modules for AI Data Center Power Consumption Forecast by Region (2027-2032) & (K Units)
Table 16. World SiC Power Modules for AI Data Center Power Production Value by Manufacturer (2021-2026) & (USD Million)
Table 17. Production Value Market Share of Key SiC Power Modules for AI Data Center Power Producers in 2025
Table 18. World SiC Power Modules for AI Data Center Power Production by Manufacturer (2021-2026) & (K Units)

+357 96 030922
info@marketpublishers.com

Table 19. Production Market Share of Key SiC Power Modules for AI Data Center Power Producers in 2025
Table 20. World SiC Power Modules for AI Data Center Power Average Price by Manufacturer (2021-2026) & (US$/Unit)
Table 21. Global SiC Power Modules for AI Data Center Power Company Evaluation Quadrant
Table 22. World SiC Power Modules for AI Data Center Power Industry Rank of Major Manufacturers, Based on Production Value in 2025
Table 23. Head Office and SiC Power Modules for AI Data Center Power Production Site of Key Manufacturer
Table 24. SiC Power Modules for AI Data Center Power Market: Company Product Type Footprint
Table 25. SiC Power Modules for AI Data Center Power Market: Company Product Application Footprint
Table 26. SiC Power Modules for AI Data Center Power Competitive Factors
Table 27. SiC Power Modules for AI Data Center Power New Entrant and Capacity Expansion Plans
Table 28. SiC Power Modules for AI Data Center Power Mergers & Acquisitions Activity
Table 29. United States VS China SiC Power Modules for AI Data Center Power Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)
Table 30. United States VS China SiC Power Modules for AI Data Center Power Production Comparison, (2021 & 2025 & 2032) & (K Units)
Table 31. United States VS China SiC Power Modules for AI Data Center Power Consumption Comparison, (2021 & 2025 & 2032) & (K Units)
Table 32. United States Based SiC Power Modules for AI Data Center Power Manufacturers, Headquarters and Production Site (States, Country)
Table 33. United States Based Manufacturers SiC Power Modules for AI Data Center Power Production Value, (2021-2026) & (USD Million)
Table 34. United States Based Manufacturers SiC Power Modules for AI Data Center Power Production Value Market Share (2021-2026)
Table 35. United States Based Manufacturers SiC Power Modules for AI Data Center Power Production (2021-2026) & (K Units)
Table 36. United States Based Manufacturers SiC Power Modules for AI Data Center Power Production Market Share (2021-2026)
Table 37. China Based SiC Power Modules for AI Data Center Power Manufacturers, Headquarters and Production Site (Province, Country)
Table 38. China Based Manufacturers SiC Power Modules for AI Data Center Power Production Value, (2021-2026) & (USD Million)
Table 39. China Based Manufacturers SiC Power Modules for AI Data Center Power

+357 96 030922
info@marketpublishers.com

Production Value Market Share (2021-2026)
Table 40. China Based Manufacturers SiC Power Modules for AI Data Center Power Production, (2021-2026) & (K Units)
Table 41. China Based Manufacturers SiC Power Modules for AI Data Center Power Production Market Share (2021-2026)
Table 42. Rest of World Based SiC Power Modules for AI Data Center Power Manufacturers, Headquarters and Production Site (State, Country)
Table 43. Rest of World Based Manufacturers SiC Power Modules for AI Data Center Power Production Value, (2021-2026) & (USD Million)
Table 44. Rest of World Based Manufacturers SiC Power Modules for AI Data Center Power Production Value Market Share (2021-2026)
Table 45. Rest of World Based Manufacturers SiC Power Modules for AI Data Center Power Production, (2021-2026) & (K Units)
Table 46. Rest of World Based Manufacturers SiC Power Modules for AI Data Center Power Production Market Share (2021-2026)
Table 47. World SiC Power Modules for AI Data Center Power Production Value by Type, (USD Million), 2021 & 2025 & 2032
Table 48. World SiC Power Modules for AI Data Center Power Production by Type (2021-2026) & (K Units)
Table 49. World SiC Power Modules for AI Data Center Power Production by Type (2027-2032) & (K Units)
Table 50. World SiC Power Modules for AI Data Center Power Production Value by Type (2021-2026) & (USD Million)
Table 51. World SiC Power Modules for AI Data Center Power Production Value by Type (2027-2032) & (USD Million)
Table 52. World SiC Power Modules for AI Data Center Power Average Price by Type (2021-2026) & (US$/Unit)
Table 53. World SiC Power Modules for AI Data Center Power Average Price by Type (2027-2032) & (US$/Unit)
Table 54. World SiC Power Modules for AI Data Center Power Production Value by Circuit Topology, (USD Million), 2021 & 2025 & 2032
Table 55. World SiC Power Modules for AI Data Center Power Production by Circuit Topology (2021-2026) & (K Units)
Table 56. World SiC Power Modules for AI Data Center Power Production by Circuit Topology (2027-2032) & (K Units)
Table 57. World SiC Power Modules for AI Data Center Power Production Value by Circuit Topology (2021-2026) & (USD Million)
Table 58. World SiC Power Modules for AI Data Center Power Production Value by Circuit Topology (2027-2032) & (USD Million)

+357 96 030922
info@marketpublishers.com

Table 59. World SiC Power Modules for AI Data Center Power Average Price by Circuit Topology (2021-2026) & (US$/Unit)
Table 60. World SiC Power Modules for AI Data Center Power Average Price by Circuit Topology (2027-2032) & (US$/Unit)
Table 61. World SiC Power Modules for AI Data Center Power Production Value by Device Integration, (USD Million), 2021 & 2025 & 2032
Table 62. World SiC Power Modules for AI Data Center Power Production by Device Integration (2021-2026) & (K Units)
Table 63. World SiC Power Modules for AI Data Center Power Production by Device Integration (2027-2032) & (K Units)
Table 64. World SiC Power Modules for AI Data Center Power Production Value by Device Integration (2021-2026) & (USD Million)
Table 65. World SiC Power Modules for AI Data Center Power Production Value by Device Integration (2027-2032) & (USD Million)
Table 66. World SiC Power Modules for AI Data Center Power Average Price by Device Integration (2021-2026) & (US$/Unit)
Table 67. World SiC Power Modules for AI Data Center Power Average Price by Device Integration (2027-2032) & (US$/Unit)
Table 68. World SiC Power Modules for AI Data Center Power Production Value by Rated Current, (USD Million), 2021 & 2025 & 2032
Table 69. World SiC Power Modules for AI Data Center Power Production by Rated Current (2021-2026) & (K Units)
Table 70. World SiC Power Modules for AI Data Center Power Production by Rated Current (2027-2032) & (K Units)
Table 71. World SiC Power Modules for AI Data Center Power Production Value by Rated Current (2021-2026) & (USD Million)
Table 72. World SiC Power Modules for AI Data Center Power Production Value by Rated Current (2027-2032) & (USD Million)
Table 73. World SiC Power Modules for AI Data Center Power Average Price by Rated Current (2021-2026) & (US$/Unit)
Table 74. World SiC Power Modules for AI Data Center Power Average Price by Rated Current (2027-2032) & (US$/Unit)
Table 75. World SiC Power Modules for AI Data Center Power Production Value by Application, (USD Million), 2021 & 2025 & 2032
Table 76. World SiC Power Modules for AI Data Center Power Production by Application (2021-2026) & (K Units)
Table 77. World SiC Power Modules for AI Data Center Power Production by Application (2027-2032) & (K Units)
Table 78. World SiC Power Modules for AI Data Center Power Production Value by

+357 96 030922
info@marketpublishers.com

Application (2021-2026) & (USD Million)
Table 79. World SiC Power Modules for AI Data Center Power Production Value by Application (2027-2032) & (USD Million)
Table 80. World SiC Power Modules for AI Data Center Power Average Price by Application (2021-2026) & (US$/Unit)
Table 81. World SiC Power Modules for AI Data Center Power Average Price by Application (2027-2032) & (US$/Unit)
Table 82. Infineon Technologies Basic Information, Manufacturing Base and Competitors
Table 83. Infineon Technologies Major Business
Table 84. Infineon Technologies SiC Power Modules for AI Data Center Power Product and Services
Table 85. Infineon Technologies SiC Power Modules for AI Data Center Power Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 86. Infineon Technologies Recent Developments/Updates
Table 87. Infineon Technologies Competitive Strengths & Weaknesses
Table 88. Wolfspeed Basic Information, Manufacturing Base and Competitors
Table 89. Wolfspeed Major Business
Table 90. Wolfspeed SiC Power Modules for AI Data Center Power Product and Services
Table 91. Wolfspeed SiC Power Modules for AI Data Center Power Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 92. Wolfspeed Recent Developments/Updates
Table 93. Wolfspeed Competitive Strengths & Weaknesses
Table 94. ROHM Semiconductor Basic Information, Manufacturing Base and Competitors
Table 95. ROHM Semiconductor Major Business
Table 96. ROHM Semiconductor SiC Power Modules for AI Data Center Power Product and Services
Table 97. ROHM Semiconductor SiC Power Modules for AI Data Center Power Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 98. ROHM Semiconductor Recent Developments/Updates
Table 99. ROHM Semiconductor Competitive Strengths & Weaknesses
Table 100. Onsemi Basic Information, Manufacturing Base and Competitors
Table 101. Onsemi Major Business
Table 102. Onsemi SiC Power Modules for AI Data Center Power Product and Services

+357 96 030922
info@marketpublishers.com

Table 103. Onsemi SiC Power Modules for AI Data Center Power Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 104. Onsemi Recent Developments/Updates
Table 105. Onsemi Competitive Strengths & Weaknesses
Table 106. STMicroelectronics Basic Information, Manufacturing Base and Competitors
Table 107. STMicroelectronics Major Business
Table 108. STMicroelectronics SiC Power Modules for AI Data Center Power Product and Services
Table 109. STMicroelectronics SiC Power Modules for AI Data Center Power Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 110. STMicroelectronics Recent Developments/Updates
Table 111. STMicroelectronics Competitive Strengths & Weaknesses
Table 112. Mitsubishi Electric Basic Information, Manufacturing Base and Competitors
Table 113. Mitsubishi Electric Major Business
Table 114. Mitsubishi Electric SiC Power Modules for AI Data Center Power Product and Services
Table 115. Mitsubishi Electric SiC Power Modules for AI Data Center Power Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 116. Mitsubishi Electric Recent Developments/Updates
Table 117. Mitsubishi Electric Competitive Strengths & Weaknesses
Table 118. Fuji Electric Basic Information, Manufacturing Base and Competitors
Table 119. Fuji Electric Major Business
Table 120. Fuji Electric SiC Power Modules for AI Data Center Power Product and Services
Table 121. Fuji Electric SiC Power Modules for AI Data Center Power Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 122. Fuji Electric Recent Developments/Updates
Table 123. Fuji Electric Competitive Strengths & Weaknesses
Table 124. Semikron Danfoss Basic Information, Manufacturing Base and Competitors
Table 125. Semikron Danfoss Major Business
Table 126. Semikron Danfoss SiC Power Modules for AI Data Center Power Product and Services
Table 127. Semikron Danfoss SiC Power Modules for AI Data Center Power Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

+357 96 030922
info@marketpublishers.com

Table 128. Semikron Danfoss Recent Developments/Updates
Table 129. Semikron Danfoss Competitive Strengths & Weaknesses
Table 130. Microchip Technology Basic Information, Manufacturing Base and Competitors
Table 131. Microchip Technology Major Business
Table 132. Microchip Technology SiC Power Modules for AI Data Center Power Product and Services
Table 133. Microchip Technology SiC Power Modules for AI Data Center Power Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 134. Microchip Technology Recent Developments/Updates
Table 135. Microchip Technology Competitive Strengths & Weaknesses
Table 136. Vincotech Basic Information, Manufacturing Base and Competitors
Table 137. Vincotech Major Business
Table 138. Vincotech SiC Power Modules for AI Data Center Power Product and Services
Table 139. Vincotech SiC Power Modules for AI Data Center Power Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 140. Vincotech Recent Developments/Updates
Table 141. Vincotech Competitive Strengths & Weaknesses
Table 142. StarPower Semiconductor Basic Information, Manufacturing Base and Competitors
Table 143. StarPower Semiconductor Major Business
Table 144. StarPower Semiconductor SiC Power Modules for AI Data Center Power Product and Services
Table 145. StarPower Semiconductor SiC Power Modules for AI Data Center Power Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 146. StarPower Semiconductor Recent Developments/Updates
Table 147. StarPower Semiconductor Competitive Strengths & Weaknesses
Table 148. MACMIC Basic Information, Manufacturing Base and Competitors
Table 149. MACMIC Major Business
Table 150. MACMIC SiC Power Modules for AI Data Center Power Product and Services
Table 151. MACMIC SiC Power Modules for AI Data Center Power Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 152. MACMIC Recent Developments/Updates

+357 96 030922
info@marketpublishers.com

Table 153. MACMIC Competitive Strengths & Weaknesses
Table 154. Global Key Players of SiC Power Modules for AI Data Center Power Upstream (Raw Materials)
Table 155. Global SiC Power Modules for AI Data Center Power Typical Customers
Table 156. SiC Power Modules for AI Data Center Power Typical Distributors

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1. SiC Power Modules for AI Data Center Power Picture
Figure 2. World SiC Power Modules for AI Data Center Power Production Value: 2021 & 2025 & 2032, (USD Million)
Figure 3. World SiC Power Modules for AI Data Center Power Production Value and Forecast (2021-2032) & (USD Million)
Figure 4. World SiC Power Modules for AI Data Center Power Production (2021-2032) & (K Units)
Figure 5. World SiC Power Modules for AI Data Center Power Average Price (2021-2032) & (US$/Unit)
Figure 6. World SiC Power Modules for AI Data Center Power Production Value Market Share by Region (2021-2032)
Figure 7. World SiC Power Modules for AI Data Center Power Production Market Share by Region (2021-2032)
Figure 8. North America SiC Power Modules for AI Data Center Power Production (2021-2032) & (K Units)
Figure 9. Europe SiC Power Modules for AI Data Center Power Production (2021-2032) & (K Units)
Figure 10. China SiC Power Modules for AI Data Center Power Production (2021-2032) & (K Units)
Figure 11. Japan SiC Power Modules for AI Data Center Power Production (2021-2032) & (K Units)
Figure 12. South Korea SiC Power Modules for AI Data Center Power Production (2021-2032) & (K Units)
Figure 13. Southeast Asia SiC Power Modules for AI Data Center Power Production (2021-2032) & (K Units)
Figure 14. China Taiwan SiC Power Modules for AI Data Center Power Production (2021-2032) & (K Units)
Figure 15. SiC Power Modules for AI Data Center Power Market Drivers
Figure 16. Factors Affecting Demand
Figure 17. World SiC Power Modules for AI Data Center Power Consumption (2021-2032) & (K Units)
Figure 18. World SiC Power Modules for AI Data Center Power Consumption Market Share by Region (2021-2032)
Figure 19. United States SiC Power Modules for AI Data Center Power Consumption (2021-2032) & (K Units)

+357 96 030922
info@marketpublishers.com

Figure 20. China SiC Power Modules for AI Data Center Power Consumption (2021-2032) & (K Units)
Figure 21. Europe SiC Power Modules for AI Data Center Power Consumption (2021-2032) & (K Units)
Figure 22. Japan SiC Power Modules for AI Data Center Power Consumption (2021-2032) & (K Units)
Figure 23. South Korea SiC Power Modules for AI Data Center Power Consumption (2021-2032) & (K Units)
Figure 24. ASEAN SiC Power Modules for AI Data Center Power Consumption (2021-2032) & (K Units)
Figure 25. India SiC Power Modules for AI Data Center Power Consumption (2021-2032) & (K Units)
Figure 26. Producer Shipments of SiC Power Modules for AI Data Center Power by Manufacturer Revenue ($MM) and Market Share (%): 2025
Figure 27. Global Four-firm Concentration Ratios (CR4) for SiC Power Modules for AI Data Center Power Markets in 2025
Figure 28. Global Four-firm Concentration Ratios (CR8) for SiC Power Modules for AI Data Center Power Markets in 2025
Figure 29. United States VS China: SiC Power Modules for AI Data Center Power Production Value Market Share Comparison (2021 & 2025 & 2032)
Figure 30. United States VS China: SiC Power Modules for AI Data Center Power Production Market Share Comparison (2021 & 2025 & 2032)
Figure 31. United States VS China: SiC Power Modules for AI Data Center Power Consumption Market Share Comparison (2021 & 2025 & 2032)
Figure 32. United States Based Manufacturers SiC Power Modules for AI Data Center Power Production Market Share 2025
Figure 33. China Based Manufacturers SiC Power Modules for AI Data Center Power Production Market Share 2025
Figure 34. Rest of World Based Manufacturers SiC Power Modules for AI Data Center Power Production Market Share 2025
Figure 35. World SiC Power Modules for AI Data Center Power Production Value by Type, (USD Million), 2021 & 2025 & 2032
Figure 36. World SiC Power Modules for AI Data Center Power Production Value Market Share by Type in 2025
Figure 37. 650–750 V
Figure 38. 900–1200 V
Figure 39. 1700 V
Figure 40. 2000 V and Above
Figure 41. Other

+357 96 030922
info@marketpublishers.com

Figure 42. World SiC Power Modules for AI Data Center Power Production Market Share by Type (2021-2032)
Figure 43. World SiC Power Modules for AI Data Center Power Production Value Market Share by Type (2021-2032)
Figure 44. World SiC Power Modules for AI Data Center Power Average Price by Type (2021-2032) & (US$/Unit)
Figure 45. World SiC Power Modules for AI Data Center Power Production Value by Circuit Topology, (USD Million), 2021 & 2025 & 2032
Figure 46. World SiC Power Modules for AI Data Center Power Production Value Market Share by Circuit Topology in 2025
Figure 47. Half-Bridge / Phase-Leg
Figure 48. Full-Bridge
Figure 49. Three-Level
Figure 50. Three-Phase Bridge
Figure 51. Buck/Boost
Figure 52. Other
Figure 53. World SiC Power Modules for AI Data Center Power Production Market Share by Circuit Topology (2021-2032)
Figure 54. World SiC Power Modules for AI Data Center Power Production Value Market Share by Circuit Topology (2021-2032)
Figure 55. World SiC Power Modules for AI Data Center Power Average Price by Circuit Topology (2021-2032) & (US$/Unit)
Figure 56. World SiC Power Modules for AI Data Center Power Production Value by Device Integration, (USD Million), 2021 & 2025 & 2032
Figure 57. World SiC Power Modules for AI Data Center Power Production Value Market Share by Device Integration in 2025
Figure 58. Full-SiC MOSFET Modules
Figure 59. Hybrid SiC Modules
Figure 60. SiC Diode Modules
Figure 61. Other
Figure 62. World SiC Power Modules for AI Data Center Power Production Market Share by Device Integration (2021-2032)
Figure 63. World SiC Power Modules for AI Data Center Power Production Value Market Share by Device Integration (2021-2032)
Figure 64. World SiC Power Modules for AI Data Center Power Average Price by Device Integration (2021-2032) & (US$/Unit)
Figure 65. World SiC Power Modules for AI Data Center Power Production Value by Rated Current, (USD Million), 2021 & 2025 & 2032
Figure 66. World SiC Power Modules for AI Data Center Power Production Value

+357 96 030922
info@marketpublishers.com

Market Share by Rated Current in 2025
Figure 67. 100 A and Below
Figure 68. 101–300 A
Figure 69. 301–600 A
Figure 70. Above 600 A
Figure 71. World SiC Power Modules for AI Data Center Power Production Market Share by Rated Current (2021-2032)
Figure 72. World SiC Power Modules for AI Data Center Power Production Value Market Share by Rated Current (2021-2032)
Figure 73. World SiC Power Modules for AI Data Center Power Average Price by Rated Current (2021-2032) & (US$/Unit)
Figure 74. World SiC Power Modules for AI Data Center Power Production Value by Application, (USD Million), 2021 & 2025 & 2032
Figure 75. World SiC Power Modules for AI Data Center Power Production Value Market Share by Application in 2025
Figure 76. Cloud and Colocation
Figure 77. Enterprise
Figure 78. Telecom
Figure 79. Government and Research
Figure 80. Others
Figure 81. World SiC Power Modules for AI Data Center Power Production Market Share by Application (2021-2032)
Figure 82. World SiC Power Modules for AI Data Center Power Production Value Market Share by Application (2021-2032)
Figure 83. World SiC Power Modules for AI Data Center Power Average Price by Application (2021-2032) & (US$/Unit)
Figure 84. SiC Power Modules for AI Data Center Power Industry Chain
Figure 85. SiC Power Modules for AI Data Center Power Procurement Model
Figure 86. SiC Power Modules for AI Data Center Power Sales Model
Figure 87. SiC Power Modules for AI Data Center Power Sales Channels, Direct Sales, and Distribution
Figure 88. Methodology
Figure 89. Research Process and Data Source

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global SiC Power Modules for AI Data Center Power Supply, Demand and Key Producers, 2026-2032

Product link: https://marketpublishers.com/r/GF63A8DA9B4BEN.html

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

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GF63A8DA9B4BEN.html