

# Global Ultra High Voltage SiC Power Devices Supply, Demand and Key Producers, 2024-2030

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## Abstracts

The global Ultra High Voltage SiC Power Devices market size is expected to reach \$ million by 2030, rising at a market growth of % CAGR during the forecast period (2024-2030).

This report studies the global Ultra High Voltage SiC Power Devices production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Ultra High Voltage SiC Power Devices, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2023 as the base year. This report explores demand trends and competition, as well as details the characteristics of Ultra High Voltage SiC Power Devices that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Ultra High Voltage SiC Power Devices total production and demand, 2019-2030, (K Units)

Global Ultra High Voltage SiC Power Devices total production value, 2019-2030, (USD Million)

Global Ultra High Voltage SiC Power Devices production by region & country, production, value, CAGR, 2019-2030, (USD Million) & (K Units)

Global Ultra High Voltage SiC Power Devices consumption by region & country, CAGR, 2019-2030 & (K Units)

U.S. VS China: Ultra High Voltage SiC Power Devices domestic production, consumption, key domestic manufacturers and share

Global Ultra High Voltage SiC Power Devices production by manufacturer, production, price, value and market share 2019-2024, (USD Million) & (K Units)

Global Ultra High Voltage SiC Power Devices production by Type, production, value, CAGR, 2019-2030, (USD Million) & (K Units)

Global Ultra High Voltage SiC Power Devices production by Application production, value, CAGR, 2019-2030, (USD Million) & (K Units).

This reports profiles key players in the global Ultra High Voltage SiC Power Devices 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 STMicroelectronics, Infineon, Wolfspeed, Rohm, onsemi, BYD Semiconductor, Microchip (Microsemi), Mitsubishi Electric (Vincotech) and Semikron Danfoss, 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 Ultra High Voltage SiC Power Devices 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 2019-2030 by year with 2023 as the base year, 2024 as the estimate year, and 2025-2030 as the forecast year.

Global Ultra High Voltage SiC Power Devices Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

### Global Ultra High Voltage SiC Power Devices Market, Segmentation by Type

SiC MOSFET Module

SiC MOSFET Discrete

SiC SBD

Others

### Global Ultra High Voltage SiC Power Devices Market, Segmentation by Application

Automotive & EV/HEV

EV Charging

Industrial Motor/Drive

PV, Energy Storage, Wind Power

UPS, Data Center & Server

Rail Transport

Others

Companies Profiled:

STMicroelectronics

Infineon

Wolfspeed

Rohm

onsemi

BYD Semiconductor

Microchip (Microsemi)

Mitsubishi Electric (Vincotech)

Semikron Danfoss

Fuji Electric

Navitas (GeneSiC)

Toshiba

Qorvo (UnitedSiC)

San'an Optoelectronics

Littelfuse (IXYS)

CETC 55

WeEn Semiconductors

BASiC Semiconductor

SemiQ

Diodes Incorporated

SanRex

Alpha & Omega Semiconductor

Bosch

GE Aerospace

KEC Corporation

PANJIT Group

Nexperia

Vishay Intertechnology

Zhuzhou CRRC Times Electric

China Resources Microelectronics Limited

## Key Questions Answered

1. How big is the global Ultra High Voltage SiC Power Devices market?
2. What is the demand of the global Ultra High Voltage SiC Power Devices market?
3. What is the year over year growth of the global Ultra High Voltage SiC Power Devices market?
4. What is the production and production value of the global Ultra High Voltage SiC Power Devices market?

5. Who are the key producers in the global Ultra High Voltage SiC Power Devices market?

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