

# Global High Voltage SiC Power Devices Market Growth 2024-2030

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## Abstracts

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The global High Voltage SiC Power Devices market size is projected to grow from US\$ million in 2023 to US\$ million in 2030; it is expected to grow at a CAGR of % from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the “High Voltage SiC Power Devices Industry Forecast” looks at past sales and reviews total world High Voltage SiC Power Devices sales in 2023, providing a comprehensive analysis by region and market sector of projected High Voltage SiC Power Devices sales for 2024 through 2030. With High Voltage SiC Power Devices sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world High Voltage SiC Power Devices industry.

This Insight Report provides a comprehensive analysis of the global High Voltage SiC Power Devices landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on High Voltage SiC Power Devices portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global High Voltage SiC Power Devices market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for High Voltage SiC Power Devices and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-

up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global High Voltage SiC Power Devices.

United States market for High Voltage SiC Power Devices is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for High Voltage SiC Power Devices is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for High Voltage SiC Power Devices is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key High Voltage SiC Power Devices players cover STMicroelectronics, Infineon, Wolfspeed, Rohm and onsemi, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of High Voltage SiC Power Devices market by product type, application, key manufacturers and key regions and countries.

#### Segmentation by type

SiC MOSFET Module

SiC MOSFET Discrete

SiC SBD

Others

#### Segmentation by application

Automotive & EV/HEV

EV Charging

Industrial Motor/Drive

PV, Energy Storage, Wind Power

UPS, Data Center & Server

Rail Transport

Others

This report also splits the market by region:

#### Americas

United States

Canada

Mexico

Brazil

#### APAC

China

Japan

Korea

Southeast Asia

India

Australia

#### Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

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 Addressed in this Report

What is the 10-year outlook for the global High Voltage SiC Power Devices market?

What factors are driving High Voltage SiC Power Devices market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do High Voltage SiC Power Devices market opportunities vary by end market size?

How does High Voltage SiC Power Devices break out type, application?

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