

Global High Voltage Power Mosfets Market Research Report 2025(Status and Outlook)

<https://marketpublishers.com/r/GAF1C2A53C56EN.html>

Date: October 2025

Pages: 144

Price: US\$ 3,200.00 (Single User License)

ID: GAF1C2A53C56EN

Abstracts

High Voltage Power MOSFETs are semiconductor devices designed to handle significant voltage levels, typically ranging from 200V to over 1000V, while efficiently controlling high-power electrical loads through voltage-driven switching. These components feature a metal-oxide-semiconductor field-effect transistor structure optimized for high breakdown voltages, low on-resistance, and fast switching speeds, making them essential in applications where energy efficiency, thermal management, and reliability are critical. They are widely used in power supplies, motor drives, renewable energy systems, industrial automation, and electric vehicle powertrains, where their ability to operate at elevated voltages with minimal conduction losses enables advanced power conversion and control.

The global High Voltage Power Mosfets market size was estimated at USD 3540.25 million in 2024 and is projected to grow at a compound annual growth rate (CAGR) of 8.65% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global High Voltage Power Mosfets market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global High Voltage Power Mosfets market. It offers detailed profiles of major players, including their market shares, performance metrics, product portfolios, and operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the High Voltage Power Mosfets market.

Global High Voltage Power Mosfets Market: Market Segmentation Analysis

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

Key Company

STMicroelectronics
Vishay
IXYS Corporation
Toshiba
Fuji Electric
Infineon
ON Semiconductor
Rohm
Renesas Electronics
Texas Instruments

Market Segmentation (by Type)

700V-1700V
1700V-4500V

Market Segmentation (by Application)

Switch Mode Power Supplies (SMPS)
Residential, Commercial, Architectural and Street Lighting
DC-DC Converters
Motor Control
Automotive Applications
Servers
Other

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study
Neutral perspective on the market performance
Recent industry trends and developments
Competitive landscape & strategies of key players
Potential & niche segments and regions exhibiting promising growth covered
Historical, current, and projected market size, in terms of value
In-depth analysis of the High Voltage Power Mosfets Market
Overview of the regional outlook of the High Voltage Power Mosfets Market:

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the High Voltage Power Mosfets Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of High Voltage Power Mosfets, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each

region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of High Voltage Power Mosfets

1.2 Key Market Segments

1.2.1 High Voltage Power Mosfets Segment by Type

1.2.2 High Voltage Power Mosfets Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

2 HIGH VOLTAGE POWER MOSFETS MARKET OVERVIEW

2.1 Global Market Overview

2.1.1 Global High Voltage Power Mosfets Market Size (M USD) Estimates and Forecasts (2020-2033)

2.1.2 Global High Voltage Power Mosfets Sales Estimates and Forecasts (2020-2033)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

3 HIGH VOLTAGE POWER MOSFETS MARKET COMPETITIVE LANDSCAPE

3.1 Company Assessment Quadrant

3.2 Global High Voltage Power Mosfets Product Life Cycle

3.3 Global High Voltage Power Mosfets Sales by Manufacturers (2020-2025)

3.4 Global High Voltage Power Mosfets Revenue Market Share by Manufacturers (2020-2025)

3.5 High Voltage Power Mosfets Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.6 Global High Voltage Power Mosfets Average Price by Manufacturers (2020-2025)

3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types

3.8 High Voltage Power Mosfets Market Competitive Situation and Trends

3.8.1 High Voltage Power Mosfets Market Concentration Rate

3.8.2 Global 5 and 10 Largest High Voltage Power Mosfets Players Market Share by Revenue

3.8.3 Mergers & Acquisitions, Expansion

4 HIGH VOLTAGE POWER MOSFETS INDUSTRY CHAIN ANALYSIS

4.1 High Voltage Power Mosfets Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF HIGH VOLTAGE POWER MOSFETS MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Industry News

5.4.1 New Product Developments

5.4.2 Mergers & Acquisitions

5.4.3 Expansions

5.4.4 Collaboration/Supply Contracts

5.5 PEST Analysis

5.5.1 Industry Policies Analysis

5.5.2 Economic Environment Analysis

5.5.3 Social Environment Analysis

5.5.4 Technological Environment Analysis

5.6 Global High Voltage Power Mosfets Market Porter's Five Forces Analysis

5.6.1 Global Trade Frictions

5.6.2 U.S. Tariff Policy ? April 2025

5.6.3 Global Trade Frictions and Their Impacts to High Voltage Power Mosfets Market

5.7 ESG Ratings of Leading Companies

6 HIGH VOLTAGE POWER MOSFETS MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global High Voltage Power Mosfets Sales Market Share by Type (2020-2025)

6.3 Global High Voltage Power Mosfets Market Size Market Share by Type (2020-2025)

6.4 Global High Voltage Power Mosfets Price by Type (2020-2025)

7 HIGH VOLTAGE POWER MOSFETS MARKET SEGMENTATION BY

APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global High Voltage Power Mosfets Market Sales by Application (2020-2025)
- 7.3 Global High Voltage Power Mosfets Market Size (M USD) by Application (2020-2025)
- 7.4 Global High Voltage Power Mosfets Sales Growth Rate by Application (2020-2025)

8 HIGH VOLTAGE POWER MOSFETS MARKET SALES BY REGION

- 8.1 Global High Voltage Power Mosfets Sales by Region
 - 8.1.1 Global High Voltage Power Mosfets Sales by Region
 - 8.1.2 Global High Voltage Power Mosfets Sales Market Share by Region
- 8.2 Global High Voltage Power Mosfets Market Size by Region
 - 8.2.1 Global High Voltage Power Mosfets Market Size by Region
 - 8.2.2 Global High Voltage Power Mosfets Market Size Market Share by Region
- 8.3 North America
 - 8.3.1 North America High Voltage Power Mosfets Sales by Country
 - 8.3.2 North America High Voltage Power Mosfets Market Size by Country
 - 8.3.3 U.S. Market Overview
 - 8.3.4 Canada Market Overview
 - 8.3.5 Mexico Market Overview
- 8.4 Europe
 - 8.4.1 Europe High Voltage Power Mosfets Sales by Country
 - 8.4.2 Europe High Voltage Power Mosfets Market Size by Country
 - 8.4.3 Germany Market Overview
 - 8.4.4 France Market Overview
 - 8.4.5 U.K. Market Overview
 - 8.4.6 Italy Market Overview
 - 8.4.7 Spain Market Overview
- 8.5 Asia Pacific
 - 8.5.1 Asia Pacific High Voltage Power Mosfets Sales by Region
 - 8.5.2 Asia Pacific High Voltage Power Mosfets Market Size by Region
 - 8.5.3 China Market Overview
 - 8.5.4 Japan Market Overview
 - 8.5.5 South Korea Market Overview
 - 8.5.6 India Market Overview
 - 8.5.7 Southeast Asia Market Overview
- 8.6 South America

- 8.6.1 South America High Voltage Power Mosfets Sales by Country
- 8.6.2 South America High Voltage Power Mosfets Market Size by Country
- 8.6.3 Brazil Market Overview
- 8.6.4 Argentina Market Overview
- 8.6.5 Columbia Market Overview
- 8.7 Middle East and Africa
 - 8.7.1 Middle East and Africa High Voltage Power Mosfets Sales by Region
 - 8.7.2 Middle East and Africa High Voltage Power Mosfets Market Size by Region
 - 8.7.3 Saudi Arabia Market Overview
 - 8.7.4 UAE Market Overview
 - 8.7.5 Egypt Market Overview
 - 8.7.6 Nigeria Market Overview
 - 8.7.7 South Africa Market Overview

9 HIGH VOLTAGE POWER MOSFETS MARKET PRODUCTION BY REGION

- 9.1 Global Production of High Voltage Power Mosfets by Region(2020-2025)
- 9.2 Global High Voltage Power Mosfets Revenue Market Share by Region (2020-2025)
- 9.3 Global High Voltage Power Mosfets Production, Revenue, Price and Gross Margin (2020-2025)
- 9.4 North America High Voltage Power Mosfets Production
 - 9.4.1 North America High Voltage Power Mosfets Production Growth Rate (2020-2025)
 - 9.4.2 North America High Voltage Power Mosfets Production, Revenue, Price and Gross Margin (2020-2025)
- 9.5 Europe High Voltage Power Mosfets Production
 - 9.5.1 Europe High Voltage Power Mosfets Production Growth Rate (2020-2025)
 - 9.5.2 Europe High Voltage Power Mosfets Production, Revenue, Price and Gross Margin (2020-2025)
- 9.6 Japan High Voltage Power Mosfets Production (2020-2025)
 - 9.6.1 Japan High Voltage Power Mosfets Production Growth Rate (2020-2025)
 - 9.6.2 Japan High Voltage Power Mosfets Production, Revenue, Price and Gross Margin (2020-2025)
- 9.7 China High Voltage Power Mosfets Production (2020-2025)
 - 9.7.1 China High Voltage Power Mosfets Production Growth Rate (2020-2025)
 - 9.7.2 China High Voltage Power Mosfets Production, Revenue, Price and Gross Margin (2020-2025)

10 KEY COMPANIES PROFILE

10.1 STMicroelectronics

- 10.1.1 STMicroelectronics Basic Information
- 10.1.2 STMicroelectronics High Voltage Power Mosfets Product Overview
- 10.1.3 STMicroelectronics High Voltage Power Mosfets Product Market Performance
- 10.1.4 STMicroelectronics Business Overview
- 10.1.5 STMicroelectronics SWOT Analysis
- 10.1.6 STMicroelectronics Recent Developments

10.2 Vishay

- 10.2.1 Vishay Basic Information
- 10.2.2 Vishay High Voltage Power Mosfets Product Overview
- 10.2.3 Vishay High Voltage Power Mosfets Product Market Performance
- 10.2.4 Vishay Business Overview
- 10.2.5 Vishay SWOT Analysis
- 10.2.6 Vishay Recent Developments

10.3 IXYS Corporation

- 10.3.1 IXYS Corporation Basic Information
- 10.3.2 IXYS Corporation High Voltage Power Mosfets Product Overview
- 10.3.3 IXYS Corporation High Voltage Power Mosfets Product Market Performance
- 10.3.4 IXYS Corporation Business Overview
- 10.3.5 IXYS Corporation SWOT Analysis
- 10.3.6 IXYS Corporation Recent Developments

10.4 Toshiba

- 10.4.1 Toshiba Basic Information
- 10.4.2 Toshiba High Voltage Power Mosfets Product Overview
- 10.4.3 Toshiba High Voltage Power Mosfets Product Market Performance
- 10.4.4 Toshiba Business Overview
- 10.4.5 Toshiba Recent Developments

10.5 Fuji Electric

- 10.5.1 Fuji Electric Basic Information
- 10.5.2 Fuji Electric High Voltage Power Mosfets Product Overview
- 10.5.3 Fuji Electric High Voltage Power Mosfets Product Market Performance
- 10.5.4 Fuji Electric Business Overview
- 10.5.5 Fuji Electric Recent Developments

10.6 Infineon

- 10.6.1 Infineon Basic Information
- 10.6.2 Infineon High Voltage Power Mosfets Product Overview
- 10.6.3 Infineon High Voltage Power Mosfets Product Market Performance
- 10.6.4 Infineon Business Overview

10.6.5 Infineon Recent Developments

10.7 ON Semiconductor

10.7.1 ON Semiconductor Basic Information

10.7.2 ON Semiconductor High Voltage Power Mosfets Product Overview

10.7.3 ON Semiconductor High Voltage Power Mosfets Product Market Performance

10.7.4 ON Semiconductor Business Overview

10.7.5 ON Semiconductor Recent Developments

10.8 Rohm

10.8.1 Rohm Basic Information

10.8.2 Rohm High Voltage Power Mosfets Product Overview

10.8.3 Rohm High Voltage Power Mosfets Product Market Performance

10.8.4 Rohm Business Overview

10.8.5 Rohm Recent Developments

10.9 Renesas Electronics

10.9.1 Renesas Electronics Basic Information

10.9.2 Renesas Electronics High Voltage Power Mosfets Product Overview

10.9.3 Renesas Electronics High Voltage Power Mosfets Product Market Performance

10.9.4 Renesas Electronics Business Overview

10.9.5 Renesas Electronics Recent Developments

10.10 Texas Instruments

10.10.1 Texas Instruments Basic Information

10.10.2 Texas Instruments High Voltage Power Mosfets Product Overview

10.10.3 Texas Instruments High Voltage Power Mosfets Product Market Performance

10.10.4 Texas Instruments Business Overview

10.10.5 Texas Instruments Recent Developments

11 HIGH VOLTAGE POWER MOSFETS MARKET FORECAST BY REGION

11.1 Global High Voltage Power Mosfets Market Size Forecast

11.2 Global High Voltage Power Mosfets Market Forecast by Region

11.2.1 North America Market Size Forecast by Country

11.2.2 Europe High Voltage Power Mosfets Market Size Forecast by Country

11.2.3 Asia Pacific High Voltage Power Mosfets Market Size Forecast by Region

11.2.4 South America High Voltage Power Mosfets Market Size Forecast by Country

11.2.5 Middle East and Africa Forecasted Sales of High Voltage Power Mosfets by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2033)

12.1 Global High Voltage Power Mosfets Market Forecast by Type (2026-2033)

12.1.1 Global Forecasted Sales of High Voltage Power Mosfets by Type (2026-2033)

12.1.2 Global High Voltage Power Mosfets Market Size Forecast by Type (2026-2033)

12.1.3 Global Forecasted Price of High Voltage Power Mosfets by Type (2026-2033)

12.2 Global High Voltage Power Mosfets Market Forecast by Application (2026-2033)

12.2.1 Global High Voltage Power Mosfets Sales (K Units) Forecast by Application

12.2.2 Global High Voltage Power Mosfets Market Size (M USD) Forecast by Application (2026-2033)

13 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Market Size (M USD) Segment Executive Summary

Table 4. High Voltage Power Mosfets Market Size Comparison by Region (M USD)

Table 5. Global High Voltage Power Mosfets Sales (K Units) by Manufacturers
(2020-2025)

Table 6. Global High Voltage Power Mosfets Sales Market Share by Manufacturers
(2020-2025)

Table 7. Global High Voltage Power Mosfets Revenue (M USD) by Manufacturers
(2020-2025)

Table 8. Global High Voltage Power Mosfets Revenue Share by Manufacturers
(2020-2025)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in High
Voltage Power Mosfets as of 2024)

Table 10. Global Market High Voltage Power Mosfets Average Price (USD/Unit) of Key
Manufacturers (2020-2025)

Table 11. Manufacturers? Manufacturing Sites, Areas Served

Table 12. Manufacturers? Product Type

Table 13. Global High Voltage Power Mosfets Manufacturers Market Concentration
Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Market Overview of Key Raw Materials

Table 16. Midstream Market Analysis

Table 17. Downstream Customer Analysis

Table 18. Key Development Trends

Table 19. Driving Factors

Table 20. High Voltage Power Mosfets Market Challenges

Table 21. Goldman Sachs' forecast real GDP growth rate for 2024-2026

Table 22. S&P Global ' Forecast Real GDP Growth Rate For 2024-2027

Table 23. World Bank ' Forecast Real GDP Growth Rate For 2024-2026

Table 24. The Tariff Rates Imposed by the United States on Major Commodity Trading
Countries

Table 25. Global High Voltage Power Mosfets Sales by Type (K Units)

Table 26. Global High Voltage Power Mosfets Market Size by Type (M USD)

Table 27. Global High Voltage Power Mosfets Sales (K Units) by Type (2020-2025)

Table 28. Global High Voltage Power Mosfets Sales Market Share by Type (2020-2025)

Table 29. Global High Voltage Power Mosfets Market Size (M USD) by Type (2020-2025)

Table 30. Global High Voltage Power Mosfets Market Size Share by Type (2020-2025)

Table 31. Global High Voltage Power Mosfets Price (USD/Unit) by Type (2020-2025)

Table 32. Global High Voltage Power Mosfets Sales (K Units) by Application

Table 33. Global High Voltage Power Mosfets Market Size by Application

Table 34. Global High Voltage Power Mosfets Sales by Application (2020-2025) & (K Units)

Table 35. Global High Voltage Power Mosfets Sales Market Share by Application (2020-2025)

Table 36. Global High Voltage Power Mosfets Market Size by Application (2020-2025) & (M USD)

Table 37. Global High Voltage Power Mosfets Market Share by Application (2020-2025)

Table 38. Global High Voltage Power Mosfets Sales Growth Rate by Application (2020-2025)

Table 39. Global High Voltage Power Mosfets Sales by Region (2020-2025) & (K Units)

Table 40. Global High Voltage Power Mosfets Sales Market Share by Region (2020-2025)

Table 41. Global High Voltage Power Mosfets Market Size by Region (2020-2025) & (M USD)

Table 42. Global High Voltage Power Mosfets Market Size Market Share by Region (2020-2025)

Table 43. North America High Voltage Power Mosfets Sales by Country (2020-2025) & (K Units)

Table 44. North America High Voltage Power Mosfets Market Size by Country (2020-2025) & (M USD)

Table 45. Europe High Voltage Power Mosfets Sales by Country (2020-2025) & (K Units)

Table 46. Europe High Voltage Power Mosfets Market Size by Country (2020-2025) & (M USD)

Table 47. Asia Pacific High Voltage Power Mosfets Sales by Region (2020-2025) & (K Units)

Table 48. Asia Pacific High Voltage Power Mosfets Market Size by Region (2020-2025) & (M USD)

Table 49. South America High Voltage Power Mosfets Sales by Country (2020-2025) & (K Units)

Table 50. South America High Voltage Power Mosfets Market Size by Country (2020-2025) & (M USD)

Table 51. Middle East and Africa High Voltage Power Mosfets Sales by Region (2020-2025) & (K Units)

Table 52. Middle East and Africa High Voltage Power Mosfets Market Size by Region (2020-2025) & (M USD)

Table 53. Global High Voltage Power Mosfets Production (K Units) by Region(2020-2025)

Table 54. Global High Voltage Power Mosfets Revenue (US\$ Million) by Region (2020-2025)

Table 55. Global High Voltage Power Mosfets Revenue Market Share by Region (2020-2025)

Table 56. Global High Voltage Power Mosfets Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 57. North America High Voltage Power Mosfets Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 58. Europe High Voltage Power Mosfets Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 59. Japan High Voltage Power Mosfets Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 60. China High Voltage Power Mosfets Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 61. STMicroelectronics Basic Information

Table 62. STMicroelectronics High Voltage Power Mosfets Product Overview

Table 63. STMicroelectronics High Voltage Power Mosfets Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 64. STMicroelectronics Business Overview

Table 65. STMicroelectronics SWOT Analysis

Table 66. STMicroelectronics Recent Developments

Table 67. Vishay Basic Information

Table 68. Vishay High Voltage Power Mosfets Product Overview

Table 69. Vishay High Voltage Power Mosfets Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 70. Vishay Business Overview

Table 71. Vishay SWOT Analysis

Table 72. Vishay Recent Developments

Table 73. IXYS Corporation Basic Information

Table 74. IXYS Corporation High Voltage Power Mosfets Product Overview

Table 75. IXYS Corporation High Voltage Power Mosfets Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 76. IXYS Corporation Business Overview

Table 77. IXYS Corporation SWOT Analysis
Table 78. IXYS Corporation Recent Developments
Table 79. Toshiba Basic Information
Table 80. Toshiba High Voltage Power Mosfets Product Overview
Table 81. Toshiba High Voltage Power Mosfets Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 82. Toshiba Business Overview
Table 83. Toshiba Recent Developments
Table 84. Fuji Electric Basic Information
Table 85. Fuji Electric High Voltage Power Mosfets Product Overview
Table 86. Fuji Electric High Voltage Power Mosfets Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 87. Fuji Electric Business Overview
Table 88. Fuji Electric Recent Developments
Table 89. Infineon Basic Information
Table 90. Infineon High Voltage Power Mosfets Product Overview
Table 91. Infineon High Voltage Power Mosfets Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 92. Infineon Business Overview
Table 93. Infineon Recent Developments
Table 94. ON Semiconductor Basic Information
Table 95. ON Semiconductor High Voltage Power Mosfets Product Overview
Table 96. ON Semiconductor High Voltage Power Mosfets Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 97. ON Semiconductor Business Overview
Table 98. ON Semiconductor Recent Developments
Table 99. Rohm Basic Information
Table 100. Rohm High Voltage Power Mosfets Product Overview
Table 101. Rohm High Voltage Power Mosfets Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 102. Rohm Business Overview
Table 103. Rohm Recent Developments
Table 104. Renesas Electronics Basic Information
Table 105. Renesas Electronics High Voltage Power Mosfets Product Overview
Table 106. Renesas Electronics High Voltage Power Mosfets Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 107. Renesas Electronics Business Overview
Table 108. Renesas Electronics Recent Developments
Table 109. Texas Instruments Basic Information

Table 110. Texas Instruments High Voltage Power Mosfets Product Overview
Table 111. Texas Instruments High Voltage Power Mosfets Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 112. Texas Instruments Business Overview
Table 113. Texas Instruments Recent Developments
Table 114. Global High Voltage Power Mosfets Sales Forecast by Region (2026-2033) & (K Units)
Table 115. Global High Voltage Power Mosfets Market Size Forecast by Region (2026-2033) & (M USD)
Table 116. North America High Voltage Power Mosfets Sales Forecast by Country (2026-2033) & (K Units)
Table 117. North America High Voltage Power Mosfets Market Size Forecast by Country (2026-2033) & (M USD)
Table 118. Europe High Voltage Power Mosfets Sales Forecast by Country (2026-2033) & (K Units)
Table 119. Europe High Voltage Power Mosfets Market Size Forecast by Country (2026-2033) & (M USD)
Table 120. Asia Pacific High Voltage Power Mosfets Sales Forecast by Region (2026-2033) & (K Units)
Table 121. Asia Pacific High Voltage Power Mosfets Market Size Forecast by Region (2026-2033) & (M USD)
Table 122. South America High Voltage Power Mosfets Sales Forecast by Country (2026-2033) & (K Units)
Table 123. South America High Voltage Power Mosfets Market Size Forecast by Country (2026-2033) & (M USD)
Table 124. Middle East and Africa High Voltage Power Mosfets Sales Forecast by Country (2026-2033) & (Units)
Table 125. Middle East and Africa High Voltage Power Mosfets Market Size Forecast by Country (2026-2033) & (M USD)
Table 126. Global High Voltage Power Mosfets Sales Forecast by Type (2026-2033) & (K Units)
Table 127. Global High Voltage Power Mosfets Market Size Forecast by Type (2026-2033) & (M USD)
Table 128. Global High Voltage Power Mosfets Price Forecast by Type (2026-2033) & (USD/Unit)
Table 129. Global High Voltage Power Mosfets Sales (K Units) Forecast by Application (2026-2033)
Table 130. Global High Voltage Power Mosfets Market Size Forecast by Application (2026-2033) & (M USD)

List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of High Voltage Power Mosfets
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global High Voltage Power Mosfets Market Size (M USD), 2024-2033
- Figure 5. Global High Voltage Power Mosfets Market Size (M USD) (2020-2033)
- Figure 6. Global High Voltage Power Mosfets Sales (K Units) & (2020-2033)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. High Voltage Power Mosfets Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global High Voltage Power Mosfets Product Life Cycle
- Figure 13. High Voltage Power Mosfets Sales Share by Manufacturers in 2024
- Figure 14. Global High Voltage Power Mosfets Revenue Share by Manufacturers in 2024
- Figure 15. High Voltage Power Mosfets Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2024
- Figure 16. Global Market High Voltage Power Mosfets Average Price (USD/Unit) of Key Manufacturers in 2024
- Figure 17. The Global 5 and 10 Largest Players: Market Share by High Voltage Power Mosfets Revenue in 2024
- Figure 18. Industry Chain Map of High Voltage Power Mosfets
- Figure 19. Global High Voltage Power Mosfets Market PEST Analysis
- Figure 20. Global High Voltage Power Mosfets Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global High Voltage Power Mosfets Market Share by Type
- Figure 27. Sales Market Share of High Voltage Power Mosfets by Type (2020-2025)
- Figure 28. Sales Market Share of High Voltage Power Mosfets by Type in 2024
- Figure 29. Market Size Share of High Voltage Power Mosfets by Type (2020-2025)
- Figure 30. Market Size Share of High Voltage Power Mosfets by Type in 2024
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)

- Figure 32. Global High Voltage Power Mosfets Market Share by Application
- Figure 33. Global High Voltage Power Mosfets Sales Market Share by Application (2020-2025)
- Figure 34. Global High Voltage Power Mosfets Sales Market Share by Application in 2024
- Figure 35. Global High Voltage Power Mosfets Market Share by Application (2020-2025)
- Figure 36. Global High Voltage Power Mosfets Market Share by Application in 2024
- Figure 37. Global High Voltage Power Mosfets Sales Growth Rate by Application (2020-2025)
- Figure 38. Global High Voltage Power Mosfets Sales Market Share by Region (2020-2025)
- Figure 39. Global High Voltage Power Mosfets Market Size Market Share by Region (2020-2025)
- Figure 40. North America High Voltage Power Mosfets Sales and Growth Rate (2020-2025) & (K Units)
- Figure 41. North America High Voltage Power Mosfets Sales and Growth Rate (2020-2025) & (K Units)
- Figure 42. North America High Voltage Power Mosfets Sales Market Share by Country in 2024
- Figure 43. North America High Voltage Power Mosfets Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 44. North America High Voltage Power Mosfets Market Size Market Share by Country in 2024
- Figure 45. U.S. High Voltage Power Mosfets Sales and Growth Rate (2020-2025) & (K Units)
- Figure 46. U.S. High Voltage Power Mosfets Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 47. Canada High Voltage Power Mosfets Sales (K Units) and Growth Rate (2020-2025)
- Figure 48. Canada High Voltage Power Mosfets Market Size (M USD) and Growth Rate (2020-2025)
- Figure 49. Mexico High Voltage Power Mosfets Sales (Units) and Growth Rate (2020-2025)
- Figure 50. Mexico High Voltage Power Mosfets Market Size (Units) and Growth Rate (2020-2025)
- Figure 51. Europe High Voltage Power Mosfets Sales and Growth Rate (2020-2025) & (K Units)
- Figure 52. Europe High Voltage Power Mosfets Sales Market Share by Country in 2024

Figure 53. Europe High Voltage Power Mosfets Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe High Voltage Power Mosfets Market Size Market Share by Country in 2024

Figure 55. Germany High Voltage Power Mosfets Sales and Growth Rate (2020-2025) & (K Units)

Figure 56. Germany High Voltage Power Mosfets Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France High Voltage Power Mosfets Sales and Growth Rate (2020-2025) & (K Units)

Figure 58. France High Voltage Power Mosfets Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. High Voltage Power Mosfets Sales and Growth Rate (2020-2025) & (K Units)

Figure 60. U.K. High Voltage Power Mosfets Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy High Voltage Power Mosfets Sales and Growth Rate (2020-2025) & (K Units)

Figure 62. Italy High Voltage Power Mosfets Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain High Voltage Power Mosfets Sales and Growth Rate (2020-2025) & (K Units)

Figure 64. Spain High Voltage Power Mosfets Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific High Voltage Power Mosfets Sales and Growth Rate (K Units)

Figure 66. Asia Pacific High Voltage Power Mosfets Sales Market Share by Region in 2024

Figure 67. Asia Pacific High Voltage Power Mosfets Market Size Market Share by Region in 2024

Figure 68. China High Voltage Power Mosfets Sales and Growth Rate (2020-2025) & (K Units)

Figure 69. China High Voltage Power Mosfets Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan High Voltage Power Mosfets Sales and Growth Rate (2020-2025) & (K Units)

Figure 71. Japan High Voltage Power Mosfets Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea High Voltage Power Mosfets Sales and Growth Rate (2020-2025) & (K Units)

Figure 73. South Korea High Voltage Power Mosfets Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India High Voltage Power Mosfets Sales and Growth Rate (2020-2025) & (K Units)

Figure 75. India High Voltage Power Mosfets Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia High Voltage Power Mosfets Sales and Growth Rate (2020-2025) & (K Units)

Figure 77. Southeast Asia High Voltage Power Mosfets Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America High Voltage Power Mosfets Sales and Growth Rate (K Units)

Figure 79. South America High Voltage Power Mosfets Sales Market Share by Country in 2024

Figure 80. South America High Voltage Power Mosfets Market Size and Growth Rate (M USD)

Figure 81. South America High Voltage Power Mosfets Market Size Market Share by Country in 2024

Figure 82. Brazil High Voltage Power Mosfets Sales and Growth Rate (2020-2025) & (K Units)

Figure 83. Brazil High Voltage Power Mosfets Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina High Voltage Power Mosfets Sales and Growth Rate (2020-2025) & (K Units)

Figure 85. Argentina High Voltage Power Mosfets Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia High Voltage Power Mosfets Sales and Growth Rate (2020-2025) & (K Units)

Figure 87. Columbia High Voltage Power Mosfets Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa High Voltage Power Mosfets Sales and Growth Rate (K Units)

Figure 89. Middle East and Africa High Voltage Power Mosfets Sales Market Share by Region in 2024

Figure 90. Middle East and Africa High Voltage Power Mosfets Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa High Voltage Power Mosfets Market Size Market Share by Region in 2024

Figure 92. Saudi Arabia High Voltage Power Mosfets Sales and Growth Rate

(2020-2025) & (K Units)

Figure 93. Saudi Arabia High Voltage Power Mosfets Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE High Voltage Power Mosfets Sales and Growth Rate (2020-2025) & (K Units)

Figure 95. UAE High Voltage Power Mosfets Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt High Voltage Power Mosfets Sales and Growth Rate (2020-2025) & (K Units)

Figure 97. Egypt High Voltage Power Mosfets Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria High Voltage Power Mosfets Sales and Growth Rate (2020-2025) & (K Units)

Figure 99. Nigeria High Voltage Power Mosfets Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa High Voltage Power Mosfets Sales and Growth Rate (2020-2025) & (K Units)

Figure 101. South Africa High Voltage Power Mosfets Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global High Voltage Power Mosfets Production Market Share by Region (2020-2025)

Figure 103. North America High Voltage Power Mosfets Production (K Units) Growth Rate (2020-2025)

Figure 104. Europe High Voltage Power Mosfets Production (K Units) Growth Rate (2020-2025)

Figure 105. Japan High Voltage Power Mosfets Production (K Units) Growth Rate (2020-2025)

Figure 106. China High Voltage Power Mosfets Production (K Units) Growth Rate (2020-2025)

Figure 107. Global High Voltage Power Mosfets Sales Forecast by Volume (2020-2033) & (K Units)

Figure 108. Global High Voltage Power Mosfets Market Size Forecast by Value (2020-2033) & (M USD)

Figure 109. Global High Voltage Power Mosfets Sales Market Share Forecast by Type (2026-2033)

Figure 110. Global High Voltage Power Mosfets Market Share Forecast by Type (2026-2033)

Figure 111. Global High Voltage Power Mosfets Sales Forecast by Application (2026-2033)

Figure 112. Global High Voltage Power Mosfets Market Share Forecast by Application (2026-2033)

I would like to order

Product name: Global High Voltage Power Mosfets Market Research Report 2025(Status and Outlook)

Product link: <https://marketpublishers.com/r/GAF1C2A53C56EN.html>

Price: US\$ 3,200.00 (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/GAF1C2A53C56EN.html>