+357 96 030922
info@marketpublishers.com

Global Bipolar Thyristors Market Growth 2026-2032

https://marketpublishers.com/r/G3F215539978EN.html
Date: October 2026
Pages: 141
Price: US$ 3,660.00 (Single User License)
ID: G3F215539978EN

Abstracts

The global Bipolar Thyristors market size is predicted to grow from US$ 1982 million in 2025 to US$ 2767 million in 2032; it is expected to grow at a CAGR of 5.0% from 2026 to 2032.

In 2024, global bipolar thyristor output was about 21 million units with 25 million units of capacity, the average unit price is about USD 95 and an average gross margin of 35%. Bipolar thyristors are high-power semiconductor switching devices that control large currents and voltages by combining both bipolar transistor and diode characteristics in a four-layer PNPN structure. They operate as latching switches that conduct when triggered and remain on until current falls below a holding threshold, making them vital for AC power control, rectification, and conversion. The supply chain begins with raw materials such as high-purity silicon wafers, dopants (boron, phosphorus), and ceramic substrates; followed by midstream processing including wafer diffusion, photolithography, metallization, and passivation to form the thyristor die. The packaging and assembly phase integrates the die into insulated modules with heat sinks and gate terminals, tested for surge and thermal endurance. Finally, downstream integration supplies power equipment manufacturers for use in HVDC converters, motor drives, inverters, welding equipment, and power grids.

United States market for Bipolar Thyristors is estimated to increase from US$ million in 2025 to US$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Bipolar Thyristors is estimated to increase from US$ million in 2025 to US$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Bipolar Thyristors is estimated to increase from US$ million in 2025 to US$ million by 2032, at a CAGR of % from 2026 through 2032.

+357 96 030922
info@marketpublishers.com

Global key Bipolar Thyristors players cover Infineon Technologies, Fuji Electric, Mitsubishi Electric, STMicroelectronics, Vishay Intertechnology, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

Report Scope

LP Information, Inc. (LPI) ' newest research report, the “Bipolar Thyristors Industry Forecast” looks at past sales and reviews total world Bipolar Thyristors sales in 2025, providing a comprehensive analysis by region and market sector of projected Bipolar Thyristors sales for 2026 through 2032. With Bipolar Thyristors sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US$ millions of the world Bipolar Thyristors industry.

This Insight Report provides a comprehensive analysis of the global Bipolar Thyristors 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 Bipolar Thyristors portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms’ unique position in an accelerating global Bipolar Thyristors market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Bipolar Thyristors 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 Bipolar Thyristors.

This report presents a comprehensive overview, market shares, and growth opportunities of Bipolar Thyristors market by product type, application, key manufacturers and key regions and countries.

Market Segmentation

Segmentation by Type:

Gate Turn-On Thyristors (SCRs)

Gate Turn-Off Thyristors (GTOs)

+357 96 030922
info@marketpublishers.com

Segmentation by Voltage Rating:

Low-Voltage (<1 kV)

Medium-Voltage (1–5 kV)

High-Voltage (>5 kV)

Segmentation by Package Design:

Disc-Type

Module-Type

Segmentation by Cooling Method:

Air-Cooled

Liquid-Cooled

Segmentation by Application:

Power & Energy

Railway Systems

Aerospace & Defense

Industrial

Metallurgical

Chemical

+357 96 030922
info@marketpublishers.com

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

+357 96 030922
info@marketpublishers.com

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 analysing the company's coverage, product portfolio, its market penetration.

Infineon Technologies

Fuji Electric

Mitsubishi Electric

STMicroelectronics

Vishay Intertechnology

ON Semiconductor

Renesas Electronics

ABB Group

Hitachi Energy

Semikron Danfoss

+357 96 030922
info@marketpublishers.com

Shindengen Electric

Proton-Electrotex

Dynex Semiconductor

Sanken Electric

GeneSiC Semiconductor

WeEn Semiconductors

Jiangsu JieJie Microelectronics

StarPower Semiconductor

Key Questions Addressed in this Report

What is the 10-year outlook for the global Bipolar Thyristors market?

What factors are driving Bipolar Thyristors market growth, globally and by region?

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

How do Bipolar Thyristors market opportunities vary by end market size?

How does Bipolar Thyristors break out by Type, by Application?

+357 96 030922
info@marketpublishers.com

Contents

1 SCOPE OF THE REPORT

1.1 Market Introduction
1.2 Years Considered
1.3 Research Objectives
1.4 Market Research Methodology
1.5 Research Process and Data Source
1.6 Economic Indicators
1.7 Currency Considered
1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview
  2.1.1 Global Bipolar Thyristors Annual Sales 2021-2032
  2.1.2 World Current & Future Analysis for Bipolar Thyristors by Geographic Region, 2021, 2025 & 2032
  2.1.3 World Current & Future Analysis for Bipolar Thyristors by Country/Region, 2021, 2025 & 2032
2.2 Bipolar Thyristors Segment by Type
  2.2.1 Gate Turn-On Thyristors (SCRs)
  2.2.2 Gate Turn-Off Thyristors (GTOs)
  2.2.3 Bipolar Thyristors Sales by Type
    2.2.3.1 Global Bipolar Thyristors Sales Market Share by Type (2021-2026)
    2.2.3.2 Global Bipolar Thyristors Revenue and Market Share by Type (2021-2026)
    2.2.3.3 Global Bipolar Thyristors Sale Price by Type (2021-2026)
2.3 Bipolar Thyristors Segment by Voltage Rating
  2.3.1 Low-Voltage (<1 kV)
  2.3.2 Medium-Voltage (1–5 kV)
  2.3.3 High-Voltage (>5 kV)
  2.3.4 Bipolar Thyristors Sales by Voltage Rating
    2.3.4.1 Global Bipolar Thyristors Sales Market Share by Voltage Rating (2021-2026)
    2.3.4.2 Global Bipolar Thyristors Revenue and Market Share by Voltage Rating (2021-2026)
    2.3.4.3 Global Bipolar Thyristors Sale Price by Voltage Rating (2021-2026)
2.4 Bipolar Thyristors Segment by Package Design
  2.4.1 Disc-Type

+357 96 030922
info@marketpublishers.com

2.4.2 Module-Type
2.4.3 Bipolar Thyristors Sales by Package Design
2.4.3.1 Global Bipolar Thyristors Sales Market Share by Package Design (2021-2026)
2.4.3.2 Global Bipolar Thyristors Revenue and Market Share by Package Design (2021-2026)
2.4.3.3 Global Bipolar Thyristors Sale Price by Package Design (2021-2026)
2.5 Bipolar Thyristors Segment by Cooling Method
2.5.1 Air-Cooled
2.5.2 Liquid-Cooled
2.5.3 Bipolar Thyristors Sales by Cooling Method
2.5.3.1 Global Bipolar Thyristors Sales Market Share by Cooling Method (2021-2026)
2.5.3.2 Global Bipolar Thyristors Revenue and Market Share by Cooling Method (2021-2026)
2.5.3.3 Global Bipolar Thyristors Sale Price by Cooling Method (2021-2026)
2.6 Bipolar Thyristors Segment by Application
2.6.1 Power & Energy
2.6.2 Railway Systems
2.6.3 Aerospace & Defense
2.6.4 Industrial
2.6.5 Metallurgical
2.6.6 Chemical
2.6.7 Others
2.6.8 Bipolar Thyristors Sales by Application
2.6.8.1 Global Bipolar Thyristors Sale Market Share by Application (2021-2026)
2.6.8.2 Global Bipolar Thyristors Revenue and Market Share by Application (2021-2026)
2.6.8.3 Global Bipolar Thyristors Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Bipolar Thyristors Breakdown Data by Company
3.1.1 Global Bipolar Thyristors Annual Sales by Company (2021-2026)
3.1.2 Global Bipolar Thyristors Sales Market Share by Company (2021-2026)
3.2 Global Bipolar Thyristors Annual Revenue by Company (2021-2026)
3.2.1 Global Bipolar Thyristors Revenue by Company (2021-2026)
3.2.2 Global Bipolar Thyristors Revenue Market Share by Company (2021-2026)
3.3 Global Bipolar Thyristors Sale Price by Company
3.4 Key Manufacturers Bipolar Thyristors Producing Area Distribution, Sales Area,

+357 96 030922
info@marketpublishers.com

Product Type
3.4.1 Key Manufacturers Bipolar Thyristors Product Location Distribution
3.4.2 Players Bipolar Thyristors Products Offered
3.5 Market Concentration Rate Analysis
3.5.1 Competition Landscape Analysis
3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
3.6 New Products and Potential Entrants
3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR BIPOLAR THYRISTORS BY GEOGRAPHIC REGION

4.1 World Historic Bipolar Thyristors Market Size by Geographic Region (2021-2026)
4.1.1 Global Bipolar Thyristors Annual Sales by Geographic Region (2021-2026)
4.1.2 Global Bipolar Thyristors Annual Revenue by Geographic Region (2021-2026)
4.2 World Historic Bipolar Thyristors Market Size by Country/Region (2021-2026)
4.2.1 Global Bipolar Thyristors Annual Sales by Country/Region (2021-2026)
4.2.2 Global Bipolar Thyristors Annual Revenue by Country/Region (2021-2026)
4.3 Americas Bipolar Thyristors Sales Growth
4.4 APAC Bipolar Thyristors Sales Growth
4.5 Europe Bipolar Thyristors Sales Growth
4.6 Middle East & Africa Bipolar Thyristors Sales Growth

5 AMERICAS

5.1 Americas Bipolar Thyristors Sales by Country
5.1.1 Americas Bipolar Thyristors Sales by Country (2021-2026)
5.1.2 Americas Bipolar Thyristors Revenue by Country (2021-2026)
5.2 Americas Bipolar Thyristors Sales by Type (2021-2026)
5.3 Americas Bipolar Thyristors Sales by Application (2021-2026)
5.4 United States
5.5 Canada
5.6 Mexico
5.7 Brazil

6 APAC

6.1 APAC Bipolar Thyristors Sales by Region
6.1.1 APAC Bipolar Thyristors Sales by Region (2021-2026)

+357 96 030922
info@marketpublishers.com

6.1.2 APAC Bipolar Thyristors Revenue by Region (2021-2026)
6.2 APAC Bipolar Thyristors Sales by Type (2021-2026)
6.3 APAC Bipolar Thyristors Sales by Application (2021-2026)
6.4 China
6.5 Japan
6.6 South Korea
6.7 Southeast Asia
6.8 India
6.9 Australia
6.10 China Taiwan

7 EUROPE

7.1 Europe Bipolar Thyristors by Country
7.1.1 Europe Bipolar Thyristors Sales by Country (2021-2026)
7.1.2 Europe Bipolar Thyristors Revenue by Country (2021-2026)
7.2 Europe Bipolar Thyristors Sales by Type (2021-2026)
7.3 Europe Bipolar Thyristors Sales by Application (2021-2026)
7.4 Germany
7.5 France
7.6 UK
7.7 Italy
7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Bipolar Thyristors by Country
8.1.1 Middle East & Africa Bipolar Thyristors Sales by Country (2021-2026)
8.1.2 Middle East & Africa Bipolar Thyristors Revenue by Country (2021-2026)
8.2 Middle East & Africa Bipolar Thyristors Sales by Type (2021-2026)
8.3 Middle East & Africa Bipolar Thyristors Sales by Application (2021-2026)
8.4 Egypt
8.5 South Africa
8.6 Israel
8.7 Turkey
8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

+357 96 030922
info@marketpublishers.com

9.1 Market Drivers & Growth Opportunities
9.2 Market Challenges & Risks
9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers
10.2 Manufacturing Cost Structure Analysis of Bipolar Thyristors
10.3 Manufacturing Process Analysis of Bipolar Thyristors
10.4 Industry Chain Structure of Bipolar Thyristors

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel
  11.1.1 Direct Channels
  11.1.2 Indirect Channels
11.2 Bipolar Thyristors Distributors
11.3 Bipolar Thyristors Customer

12 WORLD FORECAST REVIEW FOR BIPOLAR THYRISTORS BY GEOGRAPHIC REGION

12.1 Global Bipolar Thyristors Market Size Forecast by Region
  12.1.1 Global Bipolar Thyristors Forecast by Region (2027-2032)
  12.1.2 Global Bipolar Thyristors Annual Revenue Forecast by Region (2027-2032)
12.2 Americas Forecast by Country (2027-2032)
12.3 APAC Forecast by Region (2027-2032)
12.4 Europe Forecast by Country (2027-2032)
12.5 Middle East & Africa Forecast by Country (2027-2032)
12.6 Global Bipolar Thyristors Forecast by Type (2027-2032)
12.7 Global Bipolar Thyristors Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Infineon Technologies
  13.1.1 Infineon Technologies Company Information
  13.1.2 Infineon Technologies Bipolar Thyristors Product Portfolios and Specifications
  13.1.3 Infineon Technologies Bipolar Thyristors Sales, Revenue, Price and Gross Margin (2021-2026)

+357 96 030922
info@marketpublishers.com

13.1.4 Infineon Technologies Main Business Overview
13.1.5 Infineon Technologies Latest Developments
13.2 Fuji Electric
13.2.1 Fuji Electric Company Information
13.2.2 Fuji Electric Bipolar Thyristors Product Portfolios and Specifications
13.2.3 Fuji Electric Bipolar Thyristors Sales, Revenue, Price and Gross Margin (2021-2026)
13.2.4 Fuji Electric Main Business Overview
13.2.5 Fuji Electric Latest Developments
13.3 Mitsubishi Electric
13.3.1 Mitsubishi Electric Company Information
13.3.2 Mitsubishi Electric Bipolar Thyristors Product Portfolios and Specifications
13.3.3 Mitsubishi Electric Bipolar Thyristors Sales, Revenue, Price and Gross Margin (2021-2026)
13.3.4 Mitsubishi Electric Main Business Overview
13.3.5 Mitsubishi Electric Latest Developments
13.4 STMicroelectronics
13.4.1 STMicroelectronics Company Information
13.4.2 STMicroelectronics Bipolar Thyristors Product Portfolios and Specifications
13.4.3 STMicroelectronics Bipolar Thyristors Sales, Revenue, Price and Gross Margin (2021-2026)
13.4.4 STMicroelectronics Main Business Overview
13.4.5 STMicroelectronics Latest Developments
13.5 Vishay Intertechnology
13.5.1 Vishay Intertechnology Company Information
13.5.2 Vishay Intertechnology Bipolar Thyristors Product Portfolios and Specifications
13.5.3 Vishay Intertechnology Bipolar Thyristors Sales, Revenue, Price and Gross Margin (2021-2026)
13.5.4 Vishay Intertechnology Main Business Overview
13.5.5 Vishay Intertechnology Latest Developments
13.6 ON Semiconductor
13.6.1 ON Semiconductor Company Information
13.6.2 ON Semiconductor Bipolar Thyristors Product Portfolios and Specifications
13.6.3 ON Semiconductor Bipolar Thyristors Sales, Revenue, Price and Gross Margin (2021-2026)
13.6.4 ON Semiconductor Main Business Overview
13.6.5 ON Semiconductor Latest Developments
13.7 Renesas Electronics
13.7.1 Renesas Electronics Company Information

+357 96 030922
info@marketpublishers.com

13.7.2 Renesas Electronics Bipolar Thyristors Product Portfolios and Specifications
13.7.3 Renesas Electronics Bipolar Thyristors Sales, Revenue, Price and Gross Margin (2021-2026)
13.7.4 Renesas Electronics Main Business Overview
13.7.5 Renesas Electronics Latest Developments
13.8 ABB Group
13.8.1 ABB Group Company Information
13.8.2 ABB Group Bipolar Thyristors Product Portfolios and Specifications
13.8.3 ABB Group Bipolar Thyristors Sales, Revenue, Price and Gross Margin (2021-2026)
13.8.4 ABB Group Main Business Overview
13.8.5 ABB Group Latest Developments
13.9 Hitachi Energy
13.9.1 Hitachi Energy Company Information
13.9.2 Hitachi Energy Bipolar Thyristors Product Portfolios and Specifications
13.9.3 Hitachi Energy Bipolar Thyristors Sales, Revenue, Price and Gross Margin (2021-2026)
13.9.4 Hitachi Energy Main Business Overview
13.9.5 Hitachi Energy Latest Developments
13.10 Semikron Danfoss
13.10.1 Semikron Danfoss Company Information
13.10.2 Semikron Danfoss Bipolar Thyristors Product Portfolios and Specifications
13.10.3 Semikron Danfoss Bipolar Thyristors Sales, Revenue, Price and Gross Margin (2021-2026)
13.10.4 Semikron Danfoss Main Business Overview
13.10.5 Semikron Danfoss Latest Developments
13.11 Shindengen Electric
13.11.1 Shindengen Electric Company Information
13.11.2 Shindengen Electric Bipolar Thyristors Product Portfolios and Specifications
13.11.3 Shindengen Electric Bipolar Thyristors Sales, Revenue, Price and Gross Margin (2021-2026)
13.11.4 Shindengen Electric Main Business Overview
13.11.5 Shindengen Electric Latest Developments
13.12 Proton-Electrotex
13.12.1 Proton-Electrotex Company Information
13.12.2 Proton-Electrotex Bipolar Thyristors Product Portfolios and Specifications
13.12.3 Proton-Electrotex Bipolar Thyristors Sales, Revenue, Price and Gross Margin (2021-2026)
13.12.4 Proton-Electrotex Main Business Overview

+357 96 030922
info@marketpublishers.com

13.12.5 Proton-Electrotex Latest Developments
13.13 Dynex Semiconductor
13.13.1 Dynex Semiconductor Company Information
13.13.2 Dynex Semiconductor Bipolar Thyristors Product Portfolios and Specifications
13.13.3 Dynex Semiconductor Bipolar Thyristors Sales, Revenue, Price and Gross Margin (2021-2026)
13.13.4 Dynex Semiconductor Main Business Overview
13.13.5 Dynex Semiconductor Latest Developments
13.14 Sanken Electric
13.14.1 Sanken Electric Company Information
13.14.2 Sanken Electric Bipolar Thyristors Product Portfolios and Specifications
13.14.3 Sanken Electric Bipolar Thyristors Sales, Revenue, Price and Gross Margin (2021-2026)
13.14.4 Sanken Electric Main Business Overview
13.14.5 Sanken Electric Latest Developments
13.15 GeneSiC Semiconductor
13.15.1 GeneSiC Semiconductor Company Information
13.15.2 GeneSiC Semiconductor Bipolar Thyristors Product Portfolios and Specifications
13.15.3 GeneSiC Semiconductor Bipolar Thyristors Sales, Revenue, Price and Gross Margin (2021-2026)
13.15.4 GeneSiC Semiconductor Main Business Overview
13.15.5 GeneSiC Semiconductor Latest Developments
13.16 WeEn Semiconductors
13.16.1 WeEn Semiconductors Company Information
13.16.2 WeEn Semiconductors Bipolar Thyristors Product Portfolios and Specifications
13.16.3 WeEn Semiconductors Bipolar Thyristors Sales, Revenue, Price and Gross Margin (2021-2026)
13.16.4 WeEn Semiconductors Main Business Overview
13.16.5 WeEn Semiconductors Latest Developments
13.17 Jiangsu JieJie Microelectronics
13.17.1 Jiangsu JieJie Microelectronics Company Information
13.17.2 Jiangsu JieJie Microelectronics Bipolar Thyristors Product Portfolios and Specifications
13.17.3 Jiangsu JieJie Microelectronics Bipolar Thyristors Sales, Revenue, Price and Gross Margin (2021-2026)
13.17.4 Jiangsu JieJie Microelectronics Main Business Overview
13.17.5 Jiangsu JieJie Microelectronics Latest Developments
13.18 StarPower Semiconductor

+357 96 030922
info@marketpublishers.com

13.18.1 StarPower Semiconductor Company Information
13.18.2 StarPower Semiconductor Bipolar Thyristors Product Portfolios and Specifications
13.18.3 StarPower Semiconductor Bipolar Thyristors Sales, Revenue, Price and Gross Margin (2021-2026)
13.18.4 StarPower Semiconductor Main Business Overview
13.18.5 StarPower Semiconductor Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. Bipolar Thyristors Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & ($ millions)
Table 2. Bipolar Thyristors Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & ($ millions)
Table 3. Major Players of Gate Turn-On Thyristors (SCRs)
Table 4. Major Players of Gate Turn-Off Thyristors (GTOs)
Table 5. Global Bipolar Thyristors Sales by Type (2021-2026) & (K Units)
Table 6. Global Bipolar Thyristors Sales Market Share by Type (2021-2026)
Table 7. Global Bipolar Thyristors Revenue by Type (2021-2026) & ($ million)
Table 8. Global Bipolar Thyristors Revenue Market Share by Type (2021-2026)
Table 9. Global Bipolar Thyristors Sale Price by Type (2021-2026) & (US$/Unit)
Table 10. Major Players of Low-Voltage (<1 kV)
Table 11. Major Players of Medium-Voltage (1–5 kV)
Table 12. Major Players of High-Voltage (>5 kV)
Table 13. Global Bipolar Thyristors Sales by Voltage Rating (2021-2026) & (K Units)
Table 14. Global Bipolar Thyristors Sales Market Share by Voltage Rating (2021-2026)
Table 15. Global Bipolar Thyristors Revenue by Voltage Rating (2021-2026) & ($ million)
Table 16. Global Bipolar Thyristors Revenue Market Share by Voltage Rating (2021-2026)
Table 17. Global Bipolar Thyristors Sale Price by Voltage Rating (2021-2026) & (US$/Unit)
Table 18. Major Players of Disc-Type
Table 19. Major Players of Module-Type
Table 20. Global Bipolar Thyristors Sales by Package Design (2021-2026) & (K Units)
Table 21. Global Bipolar Thyristors Sales Market Share by Package Design (2021-2026)
Table 22. Global Bipolar Thyristors Revenue by Package Design (2021-2026) & ($ million)
Table 23. Global Bipolar Thyristors Revenue Market Share by Package Design (2021-2026)
Table 24. Global Bipolar Thyristors Sale Price by Package Design (2021-2026) & (US$/Unit)
Table 25. Major Players of Air-Cooled
Table 26. Major Players of Liquid-Cooled

+357 96 030922
info@marketpublishers.com

Table 27. Global Bipolar Thyristors Sales by Cooling Method (2021-2026) & (K Units)
Table 28. Global Bipolar Thyristors Sales Market Share by Cooling Method (2021-2026)
Table 29. Global Bipolar Thyristors Revenue by Cooling Method (2021-2026) & ($ million)
Table 30. Global Bipolar Thyristors Revenue Market Share by Cooling Method (2021-2026)
Table 31. Global Bipolar Thyristors Sale Price by Cooling Method (2021-2026) & (US$/Unit)
Table 32. Global Bipolar Thyristors Sale by Application (2021-2026) & (K Units)
Table 33. Global Bipolar Thyristors Sale Market Share by Application (2021-2026)
Table 34. Global Bipolar Thyristors Revenue by Application (2021-2026) & ($ million)
Table 35. Global Bipolar Thyristors Revenue Market Share by Application (2021-2026)
Table 36. Global Bipolar Thyristors Sale Price by Application (2021-2026) & (US$/Unit)
Table 37. Global Bipolar Thyristors Sales by Company (2021-2026) & (K Units)
Table 38. Global Bipolar Thyristors Sales Market Share by Company (2021-2026)
Table 39. Global Bipolar Thyristors Revenue by Company (2021-2026) & ($ millions)
Table 40. Global Bipolar Thyristors Revenue Market Share by Company (2021-2026)
Table 41. Global Bipolar Thyristors Sale Price by Company (2021-2026) & (US$/Unit)
Table 42. Key Manufacturers Bipolar Thyristors Producing Area Distribution and Sales Area
Table 43. Players Bipolar Thyristors Products Offered
Table 44. Bipolar Thyristors Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
Table 45. New Products and Potential Entrants
Table 46. Market M&A Activity & Strategy
Table 47. Global Bipolar Thyristors Sales by Geographic Region (2021-2026) & (K Units)
Table 48. Global Bipolar Thyristors Sales Market Share Geographic Region (2021-2026)
Table 49. Global Bipolar Thyristors Revenue by Geographic Region (2021-2026) & ($ millions)
Table 50. Global Bipolar Thyristors Revenue Market Share by Geographic Region (2021-2026)
Table 51. Global Bipolar Thyristors Sales by Country/Region (2021-2026) & (K Units)
Table 52. Global Bipolar Thyristors Sales Market Share by Country/Region (2021-2026)
Table 53. Global Bipolar Thyristors Revenue by Country/Region (2021-2026) & ($ millions)
Table 54. Global Bipolar Thyristors Revenue Market Share by Country/Region (2021-2026)
Table 55. Americas Bipolar Thyristors Sales by Country (2021-2026) & (K Units)

+357 96 030922
info@marketpublishers.com

Table 56. Americas Bipolar Thyristors Sales Market Share by Country (2021-2026)
Table 57. Americas Bipolar Thyristors Revenue by Country (2021-2026) & ($ millions)
Table 58. Americas Bipolar Thyristors Sales by Type (2021-2026) & (K Units)
Table 59. Americas Bipolar Thyristors Sales by Application (2021-2026) & (K Units)
Table 60. APAC Bipolar Thyristors Sales by Region (2021-2026) & (K Units)
Table 61. APAC Bipolar Thyristors Sales Market Share by Region (2021-2026)
Table 62. APAC Bipolar Thyristors Revenue by Region (2021-2026) & ($ millions)
Table 63. APAC Bipolar Thyristors Sales by Type (2021-2026) & (K Units)
Table 64. APAC Bipolar Thyristors Sales by Application (2021-2026) & (K Units)
Table 65. Europe Bipolar Thyristors Sales by Country (2021-2026) & (K Units)
Table 66. Europe Bipolar Thyristors Revenue by Country (2021-2026) & ($ millions)
Table 67. Europe Bipolar Thyristors Sales by Type (2021-2026) & (K Units)
Table 68. Europe Bipolar Thyristors Sales by Application (2021-2026) & (K Units)
Table 69. Middle East & Africa Bipolar Thyristors Sales by Country (2021-2026) & (K Units)
Table 70. Middle East & Africa Bipolar Thyristors Revenue Market Share by Country (2021-2026)
Table 71. Middle East & Africa Bipolar Thyristors Sales by Type (2021-2026) & (K Units)
Table 72. Middle East & Africa Bipolar Thyristors Sales by Application (2021-2026) & (K Units)
Table 73. Key Market Drivers & Growth Opportunities of Bipolar Thyristors
Table 74. Key Market Challenges & Risks of Bipolar Thyristors
Table 75. Key Industry Trends of Bipolar Thyristors
Table 76. Bipolar Thyristors Raw Material
Table 77. Key Suppliers of Raw Materials
Table 78. Bipolar Thyristors Distributors List
Table 79. Bipolar Thyristors Customer List
Table 80. Global Bipolar Thyristors Sales Forecast by Region (2027-2032) & (K Units)
Table 81. Global Bipolar Thyristors Revenue Forecast by Region (2027-2032) & ($ millions)
Table 82. Americas Bipolar Thyristors Sales Forecast by Country (2027-2032) & (K Units)
Table 83. Americas Bipolar Thyristors Annual Revenue Forecast by Country (2027-2032) & ($ millions)
Table 84. APAC Bipolar Thyristors Sales Forecast by Region (2027-2032) & (K Units)
Table 85. APAC Bipolar Thyristors Annual Revenue Forecast by Region (2027-2032) & ($ millions)
Table 86. Europe Bipolar Thyristors Sales Forecast by Country (2027-2032) & (K Units)
Table 87. Europe Bipolar Thyristors Revenue Forecast by Country (2027-2032) & ($

+357 96 030922
info@marketpublishers.com

millions)
Table 88. Middle East & Africa Bipolar Thyristors Sales Forecast by Country (2027-2032) & (K Units)
Table 89. Middle East & Africa Bipolar Thyristors Revenue Forecast by Country (2027-2032) & ($ millions)
Table 90. Global Bipolar Thyristors Sales Forecast by Type (2027-2032) & (K Units)
Table 91. Global Bipolar Thyristors Revenue Forecast by Type (2027-2032) & ($ millions)
Table 92. Global Bipolar Thyristors Sales Forecast by Application (2027-2032) & (K Units)
Table 93. Global Bipolar Thyristors Revenue Forecast by Application (2027-2032) & ($ millions)
Table 94. Infineon Technologies Basic Information, Bipolar Thyristors Manufacturing Base, Sales Area and Its Competitors
Table 95. Infineon Technologies Bipolar Thyristors Product Portfolios and Specifications
Table 96. Infineon Technologies Bipolar Thyristors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 97. Infineon Technologies Main Business
Table 98. Infineon Technologies Latest Developments
Table 99. Fuji Electric Basic Information, Bipolar Thyristors Manufacturing Base, Sales Area and Its Competitors
Table 100. Fuji Electric Bipolar Thyristors Product Portfolios and Specifications
Table 101. Fuji Electric Bipolar Thyristors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 102. Fuji Electric Main Business
Table 103. Fuji Electric Latest Developments
Table 104. Mitsubishi Electric Basic Information, Bipolar Thyristors Manufacturing Base, Sales Area and Its Competitors
Table 105. Mitsubishi Electric Bipolar Thyristors Product Portfolios and Specifications
Table 106. Mitsubishi Electric Bipolar Thyristors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 107. Mitsubishi Electric Main Business
Table 108. Mitsubishi Electric Latest Developments
Table 109. STMicroelectronics Basic Information, Bipolar Thyristors Manufacturing Base, Sales Area and Its Competitors
Table 110. STMicroelectronics Bipolar Thyristors Product Portfolios and Specifications
Table 111. STMicroelectronics Bipolar Thyristors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 112. STMicroelectronics Main Business

+357 96 030922
info@marketpublishers.com

Table 113. STMicroelectronics Latest Developments
Table 114. Vishay Intertechnology Basic Information, Bipolar Thyristors Manufacturing Base, Sales Area and Its Competitors
Table 115. Vishay Intertechnology Bipolar Thyristors Product Portfolios and Specifications
Table 116. Vishay Intertechnology Bipolar Thyristors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 117. Vishay Intertechnology Main Business
Table 118. Vishay Intertechnology Latest Developments
Table 119. ON Semiconductor Basic Information, Bipolar Thyristors Manufacturing Base, Sales Area and Its Competitors
Table 120. ON Semiconductor Bipolar Thyristors Product Portfolios and Specifications
Table 121. ON Semiconductor Bipolar Thyristors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 122. ON Semiconductor Main Business
Table 123. ON Semiconductor Latest Developments
Table 124. Renesas Electronics Basic Information, Bipolar Thyristors Manufacturing Base, Sales Area and Its Competitors
Table 125. Renesas Electronics Bipolar Thyristors Product Portfolios and Specifications
Table 126. Renesas Electronics Bipolar Thyristors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 127. Renesas Electronics Main Business
Table 128. Renesas Electronics Latest Developments
Table 129. ABB Group Basic Information, Bipolar Thyristors Manufacturing Base, Sales Area and Its Competitors
Table 130. ABB Group Bipolar Thyristors Product Portfolios and Specifications
Table 131. ABB Group Bipolar Thyristors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 132. ABB Group Main Business
Table 133. ABB Group Latest Developments
Table 134. Hitachi Energy Basic Information, Bipolar Thyristors Manufacturing Base, Sales Area and Its Competitors
Table 135. Hitachi Energy Bipolar Thyristors Product Portfolios and Specifications
Table 136. Hitachi Energy Bipolar Thyristors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 137. Hitachi Energy Main Business
Table 138. Hitachi Energy Latest Developments
Table 139. Semikron Danfoss Basic Information, Bipolar Thyristors Manufacturing Base, Sales Area and Its Competitors

+357 96 030922
info@marketpublishers.com

Table 140. Semikron Danfoss Bipolar Thyristors Product Portfolios and Specifications
Table 141. Semikron Danfoss Bipolar Thyristors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 142. Semikron Danfoss Main Business
Table 143. Semikron Danfoss Latest Developments
Table 144. Shindengen Electric Basic Information, Bipolar Thyristors Manufacturing Base, Sales Area and Its Competitors
Table 145. Shindengen Electric Bipolar Thyristors Product Portfolios and Specifications
Table 146. Shindengen Electric Bipolar Thyristors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 147. Shindengen Electric Main Business
Table 148. Shindengen Electric Latest Developments
Table 149. Proton-Electrotex Basic Information, Bipolar Thyristors Manufacturing Base, Sales Area and Its Competitors
Table 150. Proton-Electrotex Bipolar Thyristors Product Portfolios and Specifications
Table 151. Proton-Electrotex Bipolar Thyristors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 152. Proton-Electrotex Main Business
Table 153. Proton-Electrotex Latest Developments
Table 154. Dynex Semiconductor Basic Information, Bipolar Thyristors Manufacturing Base, Sales Area and Its Competitors
Table 155. Dynex Semiconductor Bipolar Thyristors Product Portfolios and Specifications
Table 156. Dynex Semiconductor Bipolar Thyristors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 157. Dynex Semiconductor Main Business
Table 158. Dynex Semiconductor Latest Developments
Table 159. Sanken Electric Basic Information, Bipolar Thyristors Manufacturing Base, Sales Area and Its Competitors
Table 160. Sanken Electric Bipolar Thyristors Product Portfolios and Specifications
Table 161. Sanken Electric Bipolar Thyristors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 162. Sanken Electric Main Business
Table 163. Sanken Electric Latest Developments
Table 164. GeneSiC Semiconductor Basic Information, Bipolar Thyristors Manufacturing Base, Sales Area and Its Competitors
Table 165. GeneSiC Semiconductor Bipolar Thyristors Product Portfolios and Specifications
Table 166. GeneSiC Semiconductor Bipolar Thyristors Sales (K Units), Revenue ($

+357 96 030922
info@marketpublishers.com

Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 167. GeneSiC Semiconductor Main Business
Table 168. GeneSiC Semiconductor Latest Developments
Table 169. WeEn Semiconductors Basic Information, Bipolar Thyristors Manufacturing Base, Sales Area and Its Competitors
Table 170. WeEn Semiconductors Bipolar Thyristors Product Portfolios and Specifications
Table 171. WeEn Semiconductors Bipolar Thyristors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 172. WeEn Semiconductors Main Business
Table 173. WeEn Semiconductors Latest Developments
Table 174. Jiangsu JieJie Microelectronics Basic Information, Bipolar Thyristors Manufacturing Base, Sales Area and Its Competitors
Table 175. Jiangsu JieJie Microelectronics Bipolar Thyristors Product Portfolios and Specifications
Table 176. Jiangsu JieJie Microelectronics Bipolar Thyristors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 177. Jiangsu JieJie Microelectronics Main Business
Table 178. Jiangsu JieJie Microelectronics Latest Developments
Table 179. StarPower Semiconductor Basic Information, Bipolar Thyristors Manufacturing Base, Sales Area and Its Competitors
Table 180. StarPower Semiconductor Bipolar Thyristors Product Portfolios and Specifications
Table 181. StarPower Semiconductor Bipolar Thyristors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 182. StarPower Semiconductor Main Business
Table 183. StarPower Semiconductor Latest Developments

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Bipolar Thyristors
Figure 2. Bipolar Thyristors Report Years Considered
Figure 3. Research Objectives
Figure 4. Research Methodology
Figure 5. Research Process and Data Source
Figure 6. Global Bipolar Thyristors Sales Growth Rate 2021-2032 (K Units)
Figure 7. Global Bipolar Thyristors Revenue Growth Rate 2021-2032 ($ millions)
Figure 8. Bipolar Thyristors Sales by Geographic Region (2021, 2025 & 2032) & ($ millions)
Figure 9. Bipolar Thyristors Sales Market Share by Country/Region (2025)
Figure 10. Bipolar Thyristors Sales Market Share by Country/Region (2021, 2025 & 2032)
Figure 11. Product Picture of Gate Turn-On Thyristors (SCRs)
Figure 12. Product Picture of Gate Turn-Off Thyristors (GTOs)
Figure 13. Global Bipolar Thyristors Sales Market Share by Type in 2026
Figure 14. Global Bipolar Thyristors Revenue Market Share by Type (2021-2026)
Figure 15. Product Picture of Low-Voltage (<1 kV)
Figure 16. Product Picture of Medium-Voltage (1–5 kV)
Figure 17. Product Picture of High-Voltage (>5 kV)
Figure 18. Global Bipolar Thyristors Sales Market Share by Voltage Rating in 2026
Figure 19. Global Bipolar Thyristors Revenue Market Share by Voltage Rating (2021-2026)
Figure 20. Product Picture of Disc-Type
Figure 21. Product Picture of Module-Type
Figure 22. Global Bipolar Thyristors Sales Market Share by Package Design in 2026
Figure 23. Global Bipolar Thyristors Revenue Market Share by Package Design (2021-2026)
Figure 24. Product Picture of Air-Cooled
Figure 25. Product Picture of Liquid-Cooled
Figure 26. Global Bipolar Thyristors Sales Market Share by Cooling Method in 2026
Figure 27. Global Bipolar Thyristors Revenue Market Share by Cooling Method (2021-2026)
Figure 28. Bipolar Thyristors Consumed in Power & Energy
Figure 29. Global Bipolar Thyristors Market: Power & Energy (2021-2026) & (K Units)
Figure 30. Bipolar Thyristors Consumed in Railway Systems

+357 96 030922
info@marketpublishers.com

Figure 31. Global Bipolar Thyristors Market: Railway Systems (2021-2026) & (K Units)
Figure 32. Bipolar Thyristors Consumed in Aerospace & Defense
Figure 33. Global Bipolar Thyristors Market: Aerospace & Defense (2021-2026) & (K Units)
Figure 34. Bipolar Thyristors Consumed in Industrial
Figure 35. Global Bipolar Thyristors Market: Industrial (2021-2026) & (K Units)
Figure 36. Bipolar Thyristors Consumed in Metallurgical
Figure 37. Global Bipolar Thyristors Market: Metallurgical (2021-2026) & (K Units)
Figure 38. Bipolar Thyristors Consumed in Chemical
Figure 39. Global Bipolar Thyristors Market: Chemical (2021-2026) & (K Units)
Figure 40. Bipolar Thyristors Consumed in Others
Figure 41. Global Bipolar Thyristors Market: Others (2021-2026) & (K Units)
Figure 42. Global Bipolar Thyristors Sale Market Share by Application (2025)
Figure 43. Global Bipolar Thyristors Revenue Market Share by Application in 2026
Figure 44. Bipolar Thyristors Sales by Company in 2026 (K Units)
Figure 45. Global Bipolar Thyristors Sales Market Share by Company in 2026
Figure 46. Bipolar Thyristors Revenue by Company in 2026 ($ millions)
Figure 47. Global Bipolar Thyristors Revenue Market Share by Company in 2026
Figure 48. Global Bipolar Thyristors Sales Market Share by Geographic Region (2021-2026)
Figure 49. Global Bipolar Thyristors Revenue Market Share by Geographic Region in 2026
Figure 50. Americas Bipolar Thyristors Sales 2021-2026 (K Units)
Figure 51. Americas Bipolar Thyristors Revenue 2021-2026 ($ millions)
Figure 52. APAC Bipolar Thyristors Sales 2021-2026 (K Units)
Figure 53. APAC Bipolar Thyristors Revenue 2021-2026 ($ millions)
Figure 54. Europe Bipolar Thyristors Sales 2021-2026 (K Units)
Figure 55. Europe Bipolar Thyristors Revenue 2021-2026 ($ millions)
Figure 56. Middle East & Africa Bipolar Thyristors Sales 2021-2026 (K Units)
Figure 57. Middle East & Africa Bipolar Thyristors Revenue 2021-2026 ($ millions)
Figure 58. Americas Bipolar Thyristors Sales Market Share by Country in 2026
Figure 59. Americas Bipolar Thyristors Revenue Market Share by Country (2021-2026)
Figure 60. Americas Bipolar Thyristors Sales Market Share by Type (2021-2026)
Figure 61. Americas Bipolar Thyristors Sales Market Share by Application (2021-2026)
Figure 62. United States Bipolar Thyristors Revenue Growth 2021-2026 ($ millions)
Figure 63. Canada Bipolar Thyristors Revenue Growth 2021-2026 ($ millions)
Figure 64. Mexico Bipolar Thyristors Revenue Growth 2021-2026 ($ millions)
Figure 65. Brazil Bipolar Thyristors Revenue Growth 2021-2026 ($ millions)
Figure 66. APAC Bipolar Thyristors Sales Market Share by Region in 2026

+357 96 030922
info@marketpublishers.com

Figure 67. APAC Bipolar Thyristors Revenue Market Share by Region (2021-2026)
Figure 68. APAC Bipolar Thyristors Sales Market Share by Type (2021-2026)
Figure 69. APAC Bipolar Thyristors Sales Market Share by Application (2021-2026)
Figure 70. China Bipolar Thyristors Revenue Growth 2021-2026 ($ millions)
Figure 71. Japan Bipolar Thyristors Revenue Growth 2021-2026 ($ millions)
Figure 72. South Korea Bipolar Thyristors Revenue Growth 2021-2026 ($ millions)
Figure 73. Southeast Asia Bipolar Thyristors Revenue Growth 2021-2026 ($ millions)
Figure 74. India Bipolar Thyristors Revenue Growth 2021-2026 ($ millions)
Figure 75. Australia Bipolar Thyristors Revenue Growth 2021-2026 ($ millions)
Figure 76. China Taiwan Bipolar Thyristors Revenue Growth 2021-2026 ($ millions)
Figure 77. Europe Bipolar Thyristors Sales Market Share by Country in 2026
Figure 78. Europe Bipolar Thyristors Revenue Market Share by Country (2021-2026)
Figure 79. Europe Bipolar Thyristors Sales Market Share by Type (2021-2026)
Figure 80. Europe Bipolar Thyristors Sales Market Share by Application (2021-2026)
Figure 81. Germany Bipolar Thyristors Revenue Growth 2021-2026 ($ millions)
Figure 82. France Bipolar Thyristors Revenue Growth 2021-2026 ($ millions)
Figure 83. UK Bipolar Thyristors Revenue Growth 2021-2026 ($ millions)
Figure 84. Italy Bipolar Thyristors Revenue Growth 2021-2026 ($ millions)
Figure 85. Russia Bipolar Thyristors Revenue Growth 2021-2026 ($ millions)
Figure 86. Middle East & Africa Bipolar Thyristors Sales Market Share by Country (2021-2026)
Figure 87. Middle East & Africa Bipolar Thyristors Sales Market Share by Type (2021-2026)
Figure 88. Middle East & Africa Bipolar Thyristors Sales Market Share by Application (2021-2026)
Figure 89. Egypt Bipolar Thyristors Revenue Growth 2021-2026 ($ millions)
Figure 90. South Africa Bipolar Thyristors Revenue Growth 2021-2026 ($ millions)
Figure 91. Israel Bipolar Thyristors Revenue Growth 2021-2026 ($ millions)
Figure 92. Turkey Bipolar Thyristors Revenue Growth 2021-2026 ($ millions)
Figure 93. GCC Countries Bipolar Thyristors Revenue Growth 2021-2026 ($ millions)
Figure 94. Manufacturing Cost Structure Analysis of Bipolar Thyristors in 2026
Figure 95. Manufacturing Process Analysis of Bipolar Thyristors
Figure 96. Industry Chain Structure of Bipolar Thyristors
Figure 97. Channels of Distribution
Figure 98. Global Bipolar Thyristors Sales Market Forecast by Region (2027-2032)
Figure 99. Global Bipolar Thyristors Revenue Market Share Forecast by Region (2027-2032)
Figure 100. Global Bipolar Thyristors Sales Market Share Forecast by Type (2027-2032)

+357 96 030922
info@marketpublishers.com

Figure 101. Global Bipolar Thyristors Revenue Market Share Forecast by Type (2027-2032)
Figure 102. Global Bipolar Thyristors Sales Market Share Forecast by Application (2027-2032)
Figure 103. Global Bipolar Thyristors Revenue Market Share Forecast by Application (2027-2032)

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Bipolar Thyristors Market Growth 2026-2032
Product link: https://marketpublishers.com/r/G3F215539978EN.html
Price: US$ 3,660.00 (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/G3F215539978EN.html