

Global DC Converter Valve Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G8A299B287FCEN.html>

Date: September 2026

Pages: 111

Price: US\$ 4,480.00 (Single User License)

ID: G8A299B287FCEN

Abstracts

The global DC Converter Valve market size is expected to reach \$ 6270 million by 2032, rising at a market growth of 9.0% CAGR during the forecast period (2026-2032).

A DC converter valve is the power-electronic switching assembly at the core of a high-voltage direct-current converter station, converting AC to DC or DC to AC through coordinated semiconductor valve modules, cooling, insulation, grading and protection systems. The market covers line-commutated thyristor valves and voltage-source converter valves used in long-distance bulk transmission, submarine and underground interconnectors, asynchronous grid links and renewable-energy integration.

Key Findings

Performance requirements drive specification-led supplier selection

Application engineering increasingly determines customer value creation

Lifecycle reliability supports durable competitive differentiation

Market Trends

HVDC valve design is moving toward higher power density, modular multilevel architectures, grid-forming control readiness and more standardized submodules. Offshore wind connections and interregional renewable transfer are raising demand for compact, maintainable valves, while utilities require stronger cybersecure controls,

condition monitoring and lifecycle support.

Market Dynamics

Drivers

Demand is driven by long-distance renewable-energy transfer, offshore wind connections, asynchronous grid interconnection and replacement of aging converter-station equipment. Modular multilevel architecture, higher-voltage power modules, grid-forming control, redundant cooling and online condition monitoring are improving controllability, availability and maintainability. Infrastructure and manufacturing investment, tighter customer specifications and the economic value of higher yield or productivity reinforce adoption. Buyers increasingly evaluate qualified operating performance, process stability and lifecycle support rather than a single purchase-price metric.

Restraints

Projects require large upfront investment, lengthy system studies, demanding type tests and coordination among utilities, engineering contractors and component suppliers. Qualification costs, capital discipline and switching risk lengthen purchasing decisions, particularly where process failure can interrupt production or reduce asset availability. Smaller suppliers also face difficulty funding application laboratories, validation inventory and geographically distributed service teams before revenue reaches scale.

Opportunities

New opportunities arise in cable-based interconnectors, offshore energy hubs, multi-terminal DC grids, weak-grid support and modular refurbishment of installed converter stations. Suppliers can create additional value through modular platforms, application engineering, digital monitoring, predictive maintenance and locally available service. Expansion into underpenetrated regions and replacement of older installed systems provide incremental demand, especially when solutions demonstrate measurable savings in material, energy, downtime or process losses.

Challenges

Suppliers must secure critical semiconductors, meet evolving interoperability and cybersecurity requirements, and provide decades of engineering support despite irregular project timing. Competitive intensity can compress pricing before suppliers recover development and qualification expenditure. Companies must also manage standards evolution, intellectual-property protection, customer concentration and cyclical capital spending while preserving product quality and long-term spare-parts availability. Sustainable growth therefore depends on disciplined project selection and repeatable delivery, not capacity expansion alone.

Industry Chain Analysis

Upstream value comes from precision components, power or motion-control electronics, specialty materials, sensors and control software. Midstream suppliers integrate engineering, assembly, calibration, testing and project-specific configuration into qualified systems. Downstream customers purchase through long validation cycles and depend on installation, recipes, spares and field service. Profitability therefore reflects intellectual property, manufacturing yield, installed-base service and the ability to manage critical-component supply more than hardware volume alone.

Segment Insights

Voltage-source converter valves are the fastest-expanding technology segment as modular multilevel converters improve controllability, black-start potential and suitability for cable-connected renewable projects. Line-commutated valves remain dominant in very-high-capacity overhead transmission where low conduction losses and proven scale are decisive. Technology opportunity lies in higher-voltage power modules, lower-loss switching, redundant cooling and standardized platforms that shorten project engineering cycles.

Downstream Market Opportunities

The strongest opportunities arise where customers face tighter quality specifications, higher throughput requirements and costly process failures. Suppliers that translate product performance into yield, construction productivity, grid availability or reduced operating consumption can deepen account penetration. Emerging demand favors application engineering, flexible configurations and lifecycle services rather than undifferentiated equipment or material supply.

Regional Insights

Asia-Pacific represents the largest demand base because it combines infrastructure or manufacturing investment with extensive local supply chains. China is also the principal incremental market in several applications, while Japan, Europe and North America retain strength in high-specification technology, installed-base replacement and premium service. Regional opportunities differ by standards, customer qualification, local-content policy and service coverage, making localized engineering and dependable support decisive for sustainable expansion.

Competitive Landscape Analysis

Global representative companies include Hitachi Energy, Siemens Energy, GE Vernova, NR Electric, C-EPRI Electric Power Engineering, among others. Competition is concentrated among grid-technology groups able to combine valve design, controls, transformers, system studies and long-term service. Established global vendors rely on references and integrated delivery, while Chinese suppliers benefit from a large domestic project base, high-voltage engineering depth and cost-efficient manufacturing. Competition is not determined by nominal specifications alone: qualification history, application engineering, manufacturing consistency, delivery reliability and the ability to support customers after installation are central to supplier selection. Larger groups can spread R&D, certification and service investment across broader portfolios and regions, whereas focused specialists can respond faster in technically demanding niches. Cost advantage is sustainable only when it is supported by control of critical inputs, stable quality and efficient logistics. Strategic activity is moving toward platform standardization, regional production, digital service and joint development with key accounts; buyers therefore need to assess suppliers at the consolidated group level when brands or subsidiaries have been integrated.

Report Scope

This report studies the global DC Converter Valve production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for DC

Converter Valve and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of DC Converter Valve that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global DC Converter Valve total production and demand, 2021-2032, (Units)

Global DC Converter Valve total production value, 2021-2032, (USD Million)

Global DC Converter Valve production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)

Global DC Converter Valve consumption by region & country, CAGR, 2021-2032 & (Units)

U.S. VS China: DC Converter Valve domestic production, consumption, key domestic manufacturers and share

Global DC Converter Valve production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)

Global DC Converter Valve production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)

Global DC Converter Valve production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global DC Converter Valve 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 Hitachi Energy, Siemens Energy, GE Vernova, NR Electric, C-EPRI Electric Power Engineering, China XD Group, TBEA, Rongxin Huiko Electric, Mitsubishi Electric, Toshiba Energy Systems, 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 DC Converter Valve market

Detailed Segmentation:

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

Global DC Converter Valve Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Market Segmentation

Global DC Converter Valve Market, Segmentation by Type:

Line-Commutated Converter

Voltage-Source Converter

Global DC Converter Valve Market, Segmentation by Cooling Method:

Water-Cooled

Air-Cooled

Global DC Converter Valve Market, Segmentation by Voltage Class:

Below 320 kV

320–500 kV

Above 500 kV

Global DC Converter Valve Market, Segmentation by Application:

Bulk Power Transmission

Offshore Grid Connection

Cross-Border Interconnection

Others

Companies Profiled:

Hitachi Energy

Siemens Energy

GE Vernova

NR Electric

C-EPRI Electric Power Engineering

China XD Group

TBEA

Rongxin Huiko Electric

Mitsubishi Electric

Toshiba Energy Systems

Key Questions Answered:

1. How big is the global DC Converter Valve market?
2. What is the demand of the global DC Converter Valve market?
3. What is the year over year growth of the global DC Converter Valve market?
4. What is the production and production value of the global DC Converter Valve market?
5. Who are the key producers in the global DC Converter Valve market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 DC Converter Valve Introduction
- 1.2 World DC Converter Valve Supply & Forecast
 - 1.2.1 World DC Converter Valve Production Value (2021 & 2025 & 2032)
 - 1.2.2 World DC Converter Valve Production (2021-2032)
 - 1.2.3 World DC Converter Valve Pricing Trends (2021-2032)
- 1.3 World DC Converter Valve Production by Region (Based on Production Site)
 - 1.3.1 World DC Converter Valve Production Value by Region (2021-2032)
 - 1.3.2 World DC Converter Valve Production by Region (2021-2032)
 - 1.3.3 World DC Converter Valve Average Price by Region (2021-2032)
 - 1.3.4 North America DC Converter Valve Production (2021-2032)
 - 1.3.5 Europe DC Converter Valve Production (2021-2032)
 - 1.3.6 China DC Converter Valve Production (2021-2032)
 - 1.3.7 Japan DC Converter Valve Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 DC Converter Valve Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 DC Converter Valve Major Market Trends

2 DEMAND SUMMARY

- 2.1 World DC Converter Valve Demand (2021-2032)
- 2.2 World DC Converter Valve Consumption by Region
 - 2.2.1 World DC Converter Valve Consumption by Region (2021-2026)
 - 2.2.2 World DC Converter Valve Consumption Forecast by Region (2027-2032)
- 2.3 United States DC Converter Valve Consumption (2021-2032)
- 2.4 China DC Converter Valve Consumption (2021-2032)
- 2.5 Europe DC Converter Valve Consumption (2021-2032)
- 2.6 Japan DC Converter Valve Consumption (2021-2032)
- 2.7 South Korea DC Converter Valve Consumption (2021-2032)
- 2.8 ASEAN DC Converter Valve Consumption (2021-2032)
- 2.9 India DC Converter Valve Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World DC Converter Valve Production Value by Manufacturer (2021-2026)

- 3.2 World DC Converter Valve Production by Manufacturer (2021-2026)
- 3.3 World DC Converter Valve Average Price by Manufacturer (2021-2026)
- 3.4 DC Converter Valve Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global DC Converter Valve Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for DC Converter Valve in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for DC Converter Valve in 2025
- 3.6 DC Converter Valve Market: Overall Company Footprint Analysis
 - 3.6.1 DC Converter Valve Market: Region Footprint
 - 3.6.2 DC Converter Valve Market: Company Product Type Footprint
 - 3.6.3 DC Converter Valve Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: DC Converter Valve Production Value Comparison
 - 4.1.1 United States VS China: DC Converter Valve Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: DC Converter Valve Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: DC Converter Valve Production Comparison
 - 4.2.1 United States VS China: DC Converter Valve Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: DC Converter Valve Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: DC Converter Valve Consumption Comparison
 - 4.3.1 United States VS China: DC Converter Valve Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: DC Converter Valve Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based DC Converter Valve Manufacturers and Market Share, 2021-2026
 - 4.4.1 United States Based DC Converter Valve Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers DC Converter Valve Production Value (2021-2026)

4.4.3 United States Based Manufacturers DC Converter Valve Production (2021-2026)

4.5 China Based DC Converter Valve Manufacturers and Market Share

4.5.1 China Based DC Converter Valve Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers DC Converter Valve Production Value (2021-2026)

4.5.3 China Based Manufacturers DC Converter Valve Production (2021-2026)

4.6 Rest of World Based DC Converter Valve Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based DC Converter Valve Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers DC Converter Valve Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers DC Converter Valve Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World DC Converter Valve Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Line-Commutated Converter

5.2.2 Voltage-Source Converter

5.3 Market Segment by Type

5.3.1 World DC Converter Valve Production by Type (2021-2032)

5.3.2 World DC Converter Valve Production Value by Type (2021-2032)

5.3.3 World DC Converter Valve Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY COOLING METHOD

6.1 World DC Converter Valve Market Size Overview by Cooling Method: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Cooling Method

6.2.1 Water-Cooled

6.2.2 Air-Cooled

6.3 Market Segment by Cooling Method

6.3.1 World DC Converter Valve Production by Cooling Method (2021-2032)

6.3.2 World DC Converter Valve Production Value by Cooling Method (2021-2032)

6.3.3 World DC Converter Valve Average Price by Cooling Method (2021-2032)

7 MARKET ANALYSIS BY VOLTAGE CLASS

7.1 World DC Converter Valve Market Size Overview by Voltage Class: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Voltage Class

7.2.1 Below 320 kV

7.2.2 320–500 kV

7.2.3 Above 500 kV

7.3 Market Segment by Voltage Class

7.3.1 World DC Converter Valve Production by Voltage Class (2021-2032)

7.3.2 World DC Converter Valve Production Value by Voltage Class (2021-2032)

7.3.3 World DC Converter Valve Average Price by Voltage Class (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World DC Converter Valve Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Bulk Power Transmission

8.2.2 Offshore Grid Connection

8.2.3 Cross-Border Interconnection

8.2.4 Others

8.3 Market Segment by Application

8.3.1 World DC Converter Valve Production by Application (2021-2032)

8.3.2 World DC Converter Valve Production Value by Application (2021-2032)

8.3.3 World DC Converter Valve Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 Hitachi Energy

9.1.1 Hitachi Energy Details

9.1.2 Hitachi Energy Major Business

9.1.3 Hitachi Energy DC Converter Valve Product and Services

9.1.4 Hitachi Energy DC Converter Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 Hitachi Energy Recent Developments/Updates

9.1.6 Hitachi Energy Competitive Strengths & Weaknesses

9.2 Siemens Energy

9.2.1 Siemens Energy Details

- 9.2.2 Siemens Energy Major Business
- 9.2.3 Siemens Energy DC Converter Valve Product and Services
- 9.2.4 Siemens Energy DC Converter Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.2.5 Siemens Energy Recent Developments/Updates
- 9.2.6 Siemens Energy Competitive Strengths & Weaknesses
- 9.3 GE Vernova
 - 9.3.1 GE Vernova Details
 - 9.3.2 GE Vernova Major Business
 - 9.3.3 GE Vernova DC Converter Valve Product and Services
 - 9.3.4 GE Vernova DC Converter Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.3.5 GE Vernova Recent Developments/Updates
 - 9.3.6 GE Vernova Competitive Strengths & Weaknesses
- 9.4 NR Electric
 - 9.4.1 NR Electric Details
 - 9.4.2 NR Electric Major Business
 - 9.4.3 NR Electric DC Converter Valve Product and Services
 - 9.4.4 NR Electric DC Converter Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.4.5 NR Electric Recent Developments/Updates
 - 9.4.6 NR Electric Competitive Strengths & Weaknesses
- 9.5 C-EPRI Electric Power Engineering
 - 9.5.1 C-EPRI Electric Power Engineering Details
 - 9.5.2 C-EPRI Electric Power Engineering Major Business
 - 9.5.3 C-EPRI Electric Power Engineering DC Converter Valve Product and Services
 - 9.5.4 C-EPRI Electric Power Engineering DC Converter Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.5.5 C-EPRI Electric Power Engineering Recent Developments/Updates
 - 9.5.6 C-EPRI Electric Power Engineering Competitive Strengths & Weaknesses
- 9.6 China XD Group
 - 9.6.1 China XD Group Details
 - 9.6.2 China XD Group Major Business
 - 9.6.3 China XD Group DC Converter Valve Product and Services
 - 9.6.4 China XD Group DC Converter Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.6.5 China XD Group Recent Developments/Updates
 - 9.6.6 China XD Group Competitive Strengths & Weaknesses
- 9.7 TBEA

- 9.7.1 TBEA Details
- 9.7.2 TBEA Major Business
- 9.7.3 TBEA DC Converter Valve Product and Services
- 9.7.4 TBEA DC Converter Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.7.5 TBEA Recent Developments/Updates
- 9.7.6 TBEA Competitive Strengths & Weaknesses
- 9.8 Rongxin Huiko Electric
 - 9.8.1 Rongxin Huiko Electric Details
 - 9.8.2 Rongxin Huiko Electric Major Business
 - 9.8.3 Rongxin Huiko Electric DC Converter Valve Product and Services
 - 9.8.4 Rongxin Huiko Electric DC Converter Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.8.5 Rongxin Huiko Electric Recent Developments/Updates
 - 9.8.6 Rongxin Huiko Electric Competitive Strengths & Weaknesses
- 9.9 Mitsubishi Electric
 - 9.9.1 Mitsubishi Electric Details
 - 9.9.2 Mitsubishi Electric Major Business
 - 9.9.3 Mitsubishi Electric DC Converter Valve Product and Services
 - 9.9.4 Mitsubishi Electric DC Converter Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.9.5 Mitsubishi Electric Recent Developments/Updates
 - 9.9.6 Mitsubishi Electric Competitive Strengths & Weaknesses
- 9.10 Toshiba Energy Systems
 - 9.10.1 Toshiba Energy Systems Details
 - 9.10.2 Toshiba Energy Systems Major Business
 - 9.10.3 Toshiba Energy Systems DC Converter Valve Product and Services
 - 9.10.4 Toshiba Energy Systems DC Converter Valve Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.10.5 Toshiba Energy Systems Recent Developments/Updates
 - 9.10.6 Toshiba Energy Systems Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

- 10.1 DC Converter Valve Industry Chain
- 10.2 DC Converter Valve Upstream Analysis
 - 10.2.1 DC Converter Valve Core Raw Materials
 - 10.2.2 Main Manufacturers of DC Converter Valve Core Raw Materials
- 10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 DC Converter Valve Production Mode

10.6 DC Converter Valve Procurement Model

10.7 DC Converter Valve Industry Sales Model and Sales Channels

10.7.1 DC Converter Valve Sales Model

10.7.2 DC Converter Valve Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World DC Converter Valve Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World DC Converter Valve Production Value by Region (2021-2026) & (USD Million)

Table 3. World DC Converter Valve Production Value by Region (2027-2032) & (USD Million)

Table 4. World DC Converter Valve Production Value Market Share by Region (2021-2026)

Table 5. World DC Converter Valve Production Value Market Share by Region (2027-2032)

Table 6. World DC Converter Valve Production by Region (2021-2026) & (Units)

Table 7. World DC Converter Valve Production by Region (2027-2032) & (Units)

Table 8. World DC Converter Valve Production Market Share by Region (2021-2026)

Table 9. World DC Converter Valve Production Market Share by Region (2027-2032)

Table 10. World DC Converter Valve Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World DC Converter Valve Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. DC Converter Valve Major Market Trends

Table 13. World DC Converter Valve Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Units)

Table 14. World DC Converter Valve Consumption by Region (2021-2026) & (Units)

Table 15. World DC Converter Valve Consumption Forecast by Region (2027-2032) & (Units)

Table 16. World DC Converter Valve Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key DC Converter Valve Producers in 2025

Table 18. World DC Converter Valve Production by Manufacturer (2021-2026) & (Units)

Table 19. Production Market Share of Key DC Converter Valve Producers in 2025

Table 20. World DC Converter Valve Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global DC Converter Valve Company Evaluation Quadrant

Table 22. World DC Converter Valve Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and DC Converter Valve Production Site of Key Manufacturer

Table 24. DC Converter Valve Market: Company Product Type Footprint

Table 25. DC Converter Valve Market: Company Product Application Footprint

Table 26. DC Converter Valve Competitive Factors

Table 27. DC Converter Valve New Entrant and Capacity Expansion Plans

Table 28. DC Converter Valve Mergers & Acquisitions Activity

Table 29. United States VS China DC Converter Valve Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China DC Converter Valve Production Comparison, (2021 & 2025 & 2032) & (Units)

Table 31. United States VS China DC Converter Valve Consumption Comparison, (2021 & 2025 & 2032) & (Units)

Table 32. United States Based DC Converter Valve Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers DC Converter Valve Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers DC Converter Valve Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers DC Converter Valve Production (2021-2026) & (Units)

Table 36. United States Based Manufacturers DC Converter Valve Production Market Share (2021-2026)

Table 37. China Based DC Converter Valve Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers DC Converter Valve Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers DC Converter Valve Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers DC Converter Valve Production, (2021-2026) & (Units)

Table 41. China Based Manufacturers DC Converter Valve Production Market Share (2021-2026)

Table 42. Rest of World Based DC Converter Valve Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers DC Converter Valve Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers DC Converter Valve Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers DC Converter Valve Production,

(2021-2026) & (Units)

Table 46. Rest of World Based Manufacturers DC Converter Valve Production Market Share (2021-2026)

Table 47. World DC Converter Valve Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World DC Converter Valve Production by Type (2021-2026) & (Units)

Table 49. World DC Converter Valve Production by Type (2027-2032) & (Units)

Table 50. World DC Converter Valve Production Value by Type (2021-2026) & (USD Million)

Table 51. World DC Converter Valve Production Value by Type (2027-2032) & (USD Million)

Table 52. World DC Converter Valve Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World DC Converter Valve Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World DC Converter Valve Production Value by Cooling Method, (USD Million), 2021 & 2025 & 2032

Table 55. World DC Converter Valve Production by Cooling Method (2021-2026) & (Units)

Table 56. World DC Converter Valve Production by Cooling Method (2027-2032) & (Units)

Table 57. World DC Converter Valve Production Value by Cooling Method (2021-2026) & (USD Million)

Table 58. World DC Converter Valve Production Value by Cooling Method (2027-2032) & (USD Million)

Table 59. World DC Converter Valve Average Price by Cooling Method (2021-2026) & (US\$/Unit)

Table 60. World DC Converter Valve Average Price by Cooling Method (2027-2032) & (US\$/Unit)

Table 61. World DC Converter Valve Production Value by Voltage Class, (USD Million), 2021 & 2025 & 2032

Table 62. World DC Converter Valve Production by Voltage Class (2021-2026) & (Units)

Table 63. World DC Converter Valve Production by Voltage Class (2027-2032) & (Units)

Table 64. World DC Converter Valve Production Value by Voltage Class (2021-2026) & (USD Million)

Table 65. World DC Converter Valve Production Value by Voltage Class (2027-2032) & (USD Million)

Table 66. World DC Converter Valve Average Price by Voltage Class (2021-2026) & (US\$/Unit)

Table 67. World DC Converter Valve Average Price by Voltage Class (2027-2032) & (US\$/Unit)

Table 68. World DC Converter Valve Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World DC Converter Valve Production by Application (2021-2026) & (Units)

Table 70. World DC Converter Valve Production by Application (2027-2032) & (Units)

Table 71. World DC Converter Valve Production Value by Application (2021-2026) & (USD Million)

Table 72. World DC Converter Valve Production Value by Application (2027-2032) & (USD Million)

Table 73. World DC Converter Valve Average Price by Application (2021-2026) & (US\$/Unit)

Table 74. World DC Converter Valve Average Price by Application (2027-2032) & (US\$/Unit)

Table 75. Hitachi Energy Basic Information, Manufacturing Base and Competitors

Table 76. Hitachi Energy Major Business

Table 77. Hitachi Energy DC Converter Valve Product and Services

Table 78. Hitachi Energy DC Converter Valve Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Hitachi Energy Recent Developments/Updates

Table 80. Hitachi Energy Competitive Strengths & Weaknesses

Table 81. Siemens Energy Basic Information, Manufacturing Base and Competitors

Table 82. Siemens Energy Major Business

Table 83. Siemens Energy DC Converter Valve Product and Services

Table 84. Siemens Energy DC Converter Valve Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Siemens Energy Recent Developments/Updates

Table 86. Siemens Energy Competitive Strengths & Weaknesses

Table 87. GE Vernova Basic Information, Manufacturing Base and Competitors

Table 88. GE Vernova Major Business

Table 89. GE Vernova DC Converter Valve Product and Services

Table 90. GE Vernova DC Converter Valve Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. GE Vernova Recent Developments/Updates

Table 92. GE Vernova Competitive Strengths & Weaknesses

Table 93. NR Electric Basic Information, Manufacturing Base and Competitors

Table 94. NR Electric Major Business

Table 95. NR Electric DC Converter Valve Product and Services

Table 96. NR Electric DC Converter Valve Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. NR Electric Recent Developments/Updates

Table 98. NR Electric Competitive Strengths & Weaknesses

Table 99. C-EPRI Electric Power Engineering Basic Information, Manufacturing Base and Competitors

Table 100. C-EPRI Electric Power Engineering Major Business

Table 101. C-EPRI Electric Power Engineering DC Converter Valve Product and Services

Table 102. C-EPRI Electric Power Engineering DC Converter Valve Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. C-EPRI Electric Power Engineering Recent Developments/Updates

Table 104. C-EPRI Electric Power Engineering Competitive Strengths & Weaknesses

Table 105. China XD Group Basic Information, Manufacturing Base and Competitors

Table 106. China XD Group Major Business

Table 107. China XD Group DC Converter Valve Product and Services

Table 108. China XD Group DC Converter Valve Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. China XD Group Recent Developments/Updates

Table 110. China XD Group Competitive Strengths & Weaknesses

Table 111. TBEA Basic Information, Manufacturing Base and Competitors

Table 112. TBEA Major Business

Table 113. TBEA DC Converter Valve Product and Services

Table 114. TBEA DC Converter Valve Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. TBEA Recent Developments/Updates

Table 116. TBEA Competitive Strengths & Weaknesses

Table 117. Rongxin Huiko Electric Basic Information, Manufacturing Base and Competitors

Table 118. Rongxin Huiko Electric Major Business

Table 119. Rongxin Huiko Electric DC Converter Valve Product and Services

Table 120. Rongxin Huiko Electric DC Converter Valve Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. Rongxin Huiko Electric Recent Developments/Updates

Table 122. Rongxin Huiko Electric Competitive Strengths & Weaknesses

Table 123. Mitsubishi Electric Basic Information, Manufacturing Base and Competitors

Table 124. Mitsubishi Electric Major Business

Table 125. Mitsubishi Electric DC Converter Valve Product and Services

Table 126. Mitsubishi Electric DC Converter Valve Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. Mitsubishi Electric Recent Developments/Updates

Table 128. Mitsubishi Electric Competitive Strengths & Weaknesses

Table 129. Toshiba Energy Systems Basic Information, Manufacturing Base and Competitors

Table 130. Toshiba Energy Systems Major Business

Table 131. Toshiba Energy Systems DC Converter Valve Product and Services

Table 132. Toshiba Energy Systems DC Converter Valve Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 133. Toshiba Energy Systems Recent Developments/Updates

Table 134. Toshiba Energy Systems Competitive Strengths & Weaknesses

Table 135. Global Key Players of DC Converter Valve Upstream (Raw Materials)

Table 136. Global DC Converter Valve Typical Customers

Table 137. DC Converter Valve Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. DC Converter Valve Picture

Figure 2. World DC Converter Valve Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World DC Converter Valve Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World DC Converter Valve Production (2021-2032) & (Units)

Figure 5. World DC Converter Valve Average Price (2021-2032) & (US\$/Unit)

Figure 6. World DC Converter Valve Production Value Market Share by Region (2021-2032)

Figure 7. World DC Converter Valve Production Market Share by Region (2021-2032)

Figure 8. North America DC Converter Valve Production (2021-2032) & (Units)

Figure 9. Europe DC Converter Valve Production (2021-2032) & (Units)

Figure 10. China DC Converter Valve Production (2021-2032) & (Units)

Figure 11. Japan DC Converter Valve Production (2021-2032) & (Units)

Figure 12. DC Converter Valve Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World DC Converter Valve Consumption (2021-2032) & (Units)

Figure 15. World DC Converter Valve Consumption Market Share by Region (2021-2032)

Figure 16. United States DC Converter Valve Consumption (2021-2032) & (Units)

Figure 17. China DC Converter Valve Consumption (2021-2032) & (Units)

Figure 18. Europe DC Converter Valve Consumption (2021-2032) & (Units)

Figure 19. Japan DC Converter Valve Consumption (2021-2032) & (Units)

Figure 20. South Korea DC Converter Valve Consumption (2021-2032) & (Units)

Figure 21. ASEAN DC Converter Valve Consumption (2021-2032) & (Units)

Figure 22. India DC Converter Valve Consumption (2021-2032) & (Units)

Figure 23. Producer Shipments of DC Converter Valve by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for DC Converter Valve Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for DC Converter Valve Markets in 2025

Figure 26. United States VS China: DC Converter Valve Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: DC Converter Valve Production Market Share

Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: DC Converter Valve Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers DC Converter Valve Production Market Share 2025

Figure 30. China Based Manufacturers DC Converter Valve Production Market Share 2025

Figure 31. Rest of World Based Manufacturers DC Converter Valve Production Market Share 2025

Figure 32. World DC Converter Valve Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World DC Converter Valve Production Value Market Share by Type in 2025

Figure 34. Line-Commutated Converter

Figure 35. Voltage-Source Converter

Figure 36. World DC Converter Valve Production Market Share by Type (2021-2032)

Figure 37. World DC Converter Valve Production Value Market Share by Type (2021-2032)

Figure 38. World DC Converter Valve Average Price by Type (2021-2032) & (US\$/Unit)

Figure 39. World DC Converter Valve Production Value by Cooling Method, (USD Million), 2021 & 2025 & 2032

Figure 40. World DC Converter Valve Production Value Market Share by Cooling Method in 2025

Figure 41. Water-Cooled

Figure 42. Air-Cooled

Figure 43. World DC Converter Valve Production Market Share by Cooling Method (2021-2032)

Figure 44. World DC Converter Valve Production Value Market Share by Cooling Method (2021-2032)

Figure 45. World DC Converter Valve Average Price by Cooling Method (2021-2032) & (US\$/Unit)

Figure 46. World DC Converter Valve Production Value by Voltage Class, (USD Million), 2021 & 2025 & 2032

Figure 47. World DC Converter Valve Production Value Market Share by Voltage Class in 2025

Figure 48. Below 320 kV

Figure 49. 320–500 kV

Figure 50. Above 500 kV

Figure 51. World DC Converter Valve Production Market Share by Voltage Class (2021-2032)

Figure 52. World DC Converter Valve Production Value Market Share by Voltage Class (2021-2032)

Figure 53. World DC Converter Valve Average Price by Voltage Class (2021-2032) & (US\$/Unit)

Figure 54. World DC Converter Valve Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 55. World DC Converter Valve Production Value Market Share by Application in 2025

Figure 56. Bulk Power Transmission

Figure 57. Offshore Grid Connection

Figure 58. Cross-Border Interconnection

Figure 59. Others

Figure 60. World DC Converter Valve Production Market Share by Application (2021-2032)

Figure 61. World DC Converter Valve Production Value Market Share by Application (2021-2032)

Figure 62. World DC Converter Valve Average Price by Application (2021-2032) & (US\$/Unit)

Figure 63. DC Converter Valve Industry Chain

Figure 64. DC Converter Valve Procurement Model

Figure 65. DC Converter Valve Sales Model

Figure 66. DC Converter Valve Sales Channels, Direct Sales, and Distribution

Figure 67. Methodology

Figure 68. Research Process and Data Source

I would like to order

Product name: Global DC Converter Valve Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G8A299B287FCEN.html>

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

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G8A299B287FCEN.html>