

Global Water-Cooled Doubly-Fed Converter Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GDEB28DC5694EN.html>

Date: July 2026

Pages: 105

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

ID: GDEB28DC5694EN

Abstracts

The global Water-Cooled Doubly-Fed Converter market size is expected to reach \$ 816 million by 2032, rising at a market growth of 4.2% CAGR during the forecast period (2026-2032).

A water-cooled doubly-fed converter is a type of wind power converter that employs liquid-based thermal management technology. It is primarily utilized within Doubly-Fed Induction Generator (DFIG) systems to facilitate the bidirectional exchange and control of energy between the generator rotor and the power grid. Its core function involves regulating the frequency, amplitude, and phase of the rotor current to enable variable-speed, constant-frequency operation of the wind turbine, facilitate active and reactive power control, and ensure stable grid-connected power generation. Compared to traditional air-cooled doubly-fed converters, the liquid-cooled solution utilizes circulating coolant to dissipate the substantial heat generated by power semiconductor devices; consequently, it offers superior heat dissipation efficiency, higher power density, lower noise levels, and enhanced operational stability.

The upstream segment of the industry chain primarily comprises suppliers of core components?including IGBT/SiC power devices, DSP/FPGA control chips, liquid cooling plates, circulation pumps, capacitors, reactors, PCBs, and thermal management materials?with power semiconductors and liquid cooling systems constituting the critical links. The midstream segment consists of enterprises engaged in the design, manufacturing, and system integration of liquid-cooled doubly-fed converters; key technological areas here include PWM control, liquid-based thermal management, Low Voltage Ride-Through (LVRT) capabilities, and high-power-density design. The downstream segment focuses on applications within large-scale onshore wind farms, offshore wind farms, grid-connected new energy systems, and high-power industrial

variable-frequency drive systems; among these, large-scale wind turbines exceeding 10 MW, offshore wind power projects, and high-power-density new energy systems represent the sectors currently experiencing the most rapid growth in demand.

In 2025, global sales volume for water-cooled doubly-fed converters is projected to reach 5,500 units, with a production capacity of approximately 7,800 units. The average selling price is estimated at \$108,000 per unit, with an average gross margin ranging from 25% to 35%.

In terms of demand structure, large-scale onshore wind power remains the largest application market for water-cooled doubly fed converters, accounting for the dominant share of overall demand. In recent years, as the single-unit capacity of wind turbines has steadily increased, the heat dissipation capabilities of traditional air-cooled solutions have gradually approached their limits; consequently, the penetration rate of water-cooled doubly fed converters in units exceeding 5 MW has risen rapidly. Concurrently, the expansion of offshore wind power, the development of wind farms in high-temperature and high-humidity environments, and the construction of large-scale new energy bases are also driving increased demand for highly reliable liquid-cooled converters. Furthermore, rising requirements regarding AI computing power, new energy grid integration, and grid stability are indirectly driving the technological upgrading of high-performance converter control systems.

Regarding product and technology roadmaps, the industry is currently transitioning from traditional IGBT-based air-cooled architectures toward a new paradigm characterized by 'liquid cooling, high power density, SiC integration, and intelligent operation.' Current mainstream products utilize a back-to-back PWM topology, integrated with liquid cooling plates, intelligent temperature control, Low Voltage Ride-Through (LVRT) capabilities, and high-voltage grid-connection control technologies to enhance system efficiency and reliability. With the development of large-scale wind turbines exceeding 10 MW and the expansion of offshore wind power, SiC power devices, modular design, and higher-voltage-class converters are emerging as key technological trends. In the future, AI-driven fault prediction, digital twin-based operation and maintenance, and intelligent thermal management systems are also expected to gradually make inroads into the high-end wind power converter sector.

This report studies the global Water-Cooled Doubly-Fed Converter production, demand, key manufacturers, and key regions.

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

Cooled Doubly-Fed Converter 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 Water-Cooled Doubly-Fed Converter that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Water-Cooled Doubly-Fed Converter total production and demand, 2021-2032, (Units)

Global Water-Cooled Doubly-Fed Converter total production value, 2021-2032, (USD Million)

Global Water-Cooled Doubly-Fed Converter production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)

Global Water-Cooled Doubly-Fed Converter consumption by region & country, CAGR, 2021-2032 & (Units)

U.S. VS China: Water-Cooled Doubly-Fed Converter domestic production, consumption, key domestic manufacturers and share

Global Water-Cooled Doubly-Fed Converter production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)

Global Water-Cooled Doubly-Fed Converter production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)

Global Water-Cooled Doubly-Fed Converter production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global Water-Cooled Doubly-Fed Converter 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 Siemens, ABB, GE, Nordex, Ingeteam, Hopewind, Sungrow Power, Dongfang Electric, CRRC Times Electric, Gold Wind, 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 Water-Cooled Doubly-Fed Converter 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 Water-Cooled Doubly-Fed Converter Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Water-Cooled Doubly-Fed Converter Market, Segmentation by Type:

Back-to-Back Converters

Modular Converters

Global Water-Cooled Doubly-Fed Converter Market, Segmentation by Fan Capacity:

2-3MW

3-5MW

?5MW

Global Water-Cooled Doubly-Fed Converter Market, Segmentation by Voltage:

690V

950V

1140V

Global Water-Cooled Doubly-Fed Converter Market, Segmentation by Application:

Onshore Wind Power

Offshore Wind Power

Renewable Energy Grid-Connected Systems

High-Power Industrial Drives

Intelligent Wind Power Systems

Others

Companies Profiled:

Siemens

ABB

GE

Nordex

Ingeteam

Hopewind

Sungrow Power

Dongfang Electric

CRRC Times Electric

Gold Wind

Key Questions Answered:

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

Contents

1 SUPPLY SUMMARY

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

2 DEMAND SUMMARY

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

2.9 India Water-Cooled Doubly-Fed Converter Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Water-Cooled Doubly-Fed Converter Production Value by Manufacturer (2021-2026)

3.2 World Water-Cooled Doubly-Fed Converter Production by Manufacturer (2021-2026)

3.3 World Water-Cooled Doubly-Fed Converter Average Price by Manufacturer (2021-2026)

3.4 Water-Cooled Doubly-Fed Converter Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Water-Cooled Doubly-Fed Converter Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Water-Cooled Doubly-Fed Converter in 2025

3.5.3 Global Concentration Ratios (CR8) for Water-Cooled Doubly-Fed Converter in 2025

3.6 Water-Cooled Doubly-Fed Converter Market: Overall Company Footprint Analysis

3.6.1 Water-Cooled Doubly-Fed Converter Market: Region Footprint

3.6.2 Water-Cooled Doubly-Fed Converter Market: Company Product Type Footprint

3.6.3 Water-Cooled Doubly-Fed Converter 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: Water-Cooled Doubly-Fed Converter Production Value Comparison

4.1.1 United States VS China: Water-Cooled Doubly-Fed Converter Production Value Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: Water-Cooled Doubly-Fed Converter Production Value Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: Water-Cooled Doubly-Fed Converter Production

Comparison

4.2.1 United States VS China: Water-Cooled Doubly-Fed Converter Production

Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: Water-Cooled Doubly-Fed Converter Production Market

Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: Water-Cooled Doubly-Fed Converter Consumption Comparison

4.3.1 United States VS China: Water-Cooled Doubly-Fed Converter Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: Water-Cooled Doubly-Fed Converter Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Water-Cooled Doubly-Fed Converter Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Water-Cooled Doubly-Fed Converter Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Water-Cooled Doubly-Fed Converter Production Value (2021-2026)

4.4.3 United States Based Manufacturers Water-Cooled Doubly-Fed Converter Production (2021-2026)

4.5 China Based Water-Cooled Doubly-Fed Converter Manufacturers and Market Share

4.5.1 China Based Water-Cooled Doubly-Fed Converter Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Water-Cooled Doubly-Fed Converter Production Value (2021-2026)

4.5.3 China Based Manufacturers Water-Cooled Doubly-Fed Converter Production (2021-2026)

4.6 Rest of World Based Water-Cooled Doubly-Fed Converter Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Water-Cooled Doubly-Fed Converter Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Water-Cooled Doubly-Fed Converter Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Water-Cooled Doubly-Fed Converter Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Water-Cooled Doubly-Fed Converter Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Back-to-Back Converters

5.2.2 Modular Converters

5.3 Market Segment by Type

5.3.1 World Water-Cooled Doubly-Fed Converter Production by Type (2021-2032)

5.3.2 World Water-Cooled Doubly-Fed Converter Production Value by Type (2021-2032)

5.3.3 World Water-Cooled Doubly-Fed Converter Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY FAN CAPACITY

6.1 World Water-Cooled Doubly-Fed Converter Market Size Overview by Fan Capacity: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Fan Capacity

6.2.1 2-3MW

6.2.2 3-5MW

6.2.3 ?5MW

6.3 Market Segment by Fan Capacity

6.3.1 World Water-Cooled Doubly-Fed Converter Production by Fan Capacity (2021-2032)

6.3.2 World Water-Cooled Doubly-Fed Converter Production Value by Fan Capacity (2021-2032)

6.3.3 World Water-Cooled Doubly-Fed Converter Average Price by Fan Capacity (2021-2032)

7 MARKET ANALYSIS BY VOLTAGE

7.1 World Water-Cooled Doubly-Fed Converter Market Size Overview by Voltage: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Voltage

7.2.1 690V

7.2.2 950V

7.2.3 1140V

7.3 Market Segment by Voltage

7.3.1 World Water-Cooled Doubly-Fed Converter Production by Voltage (2021-2032)

7.3.2 World Water-Cooled Doubly-Fed Converter Production Value by Voltage (2021-2032)

7.3.3 World Water-Cooled Doubly-Fed Converter Average Price by Voltage (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Water-Cooled Doubly-Fed Converter Market Size Overview by Application:
2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Onshore Wind Power

8.2.2 Offshore Wind Power

8.2.3 Renewable Energy Grid-Connected Systems

8.2.4 High-Power Industrial Drives

8.2.5 Intelligent Wind Power Systems

8.2.6 Others

8.3 Market Segment by Application

8.3.1 World Water-Cooled Doubly-Fed Converter Production by Application
(2021-2032)

8.3.2 World Water-Cooled Doubly-Fed Converter Production Value by Application
(2021-2032)

8.3.3 World Water-Cooled Doubly-Fed Converter Average Price by Application
(2021-2032)

9 COMPANY PROFILES

9.1 Siemens

9.1.1 Siemens Details

9.1.2 Siemens Major Business

9.1.3 Siemens Water-Cooled Doubly-Fed Converter Product and Services

9.1.4 Siemens Water-Cooled Doubly-Fed Converter Production, Price, Value, Gross
Margin and Market Share (2021-2026)

9.1.5 Siemens Recent Developments/Updates

9.1.6 Siemens Competitive Strengths & Weaknesses

9.2 ABB

9.2.1 ABB Details

9.2.2 ABB Major Business

9.2.3 ABB Water-Cooled Doubly-Fed Converter Product and Services

9.2.4 ABB Water-Cooled Doubly-Fed Converter Production, Price, Value, Gross
Margin and Market Share (2021-2026)

9.2.5 ABB Recent Developments/Updates

9.2.6 ABB Competitive Strengths & Weaknesses

9.3 GE

- 9.3.1 GE Details
- 9.3.2 GE Major Business
- 9.3.3 GE Water-Cooled Doubly-Fed Converter Product and Services
- 9.3.4 GE Water-Cooled Doubly-Fed Converter Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.3.5 GE Recent Developments/Updates
- 9.3.6 GE Competitive Strengths & Weaknesses
- 9.4 Nordex
 - 9.4.1 Nordex Details
 - 9.4.2 Nordex Major Business
 - 9.4.3 Nordex Water-Cooled Doubly-Fed Converter Product and Services
 - 9.4.4 Nordex Water-Cooled Doubly-Fed Converter Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.4.5 Nordex Recent Developments/Updates
 - 9.4.6 Nordex Competitive Strengths & Weaknesses
- 9.5 Ingeteam
 - 9.5.1 Ingeteam Details
 - 9.5.2 Ingeteam Major Business
 - 9.5.3 Ingeteam Water-Cooled Doubly-Fed Converter Product and Services
 - 9.5.4 Ingeteam Water-Cooled Doubly-Fed Converter Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.5.5 Ingeteam Recent Developments/Updates
 - 9.5.6 Ingeteam Competitive Strengths & Weaknesses
- 9.6 Hopewind
 - 9.6.1 Hopewind Details
 - 9.6.2 Hopewind Major Business
 - 9.6.3 Hopewind Water-Cooled Doubly-Fed Converter Product and Services
 - 9.6.4 Hopewind Water-Cooled Doubly-Fed Converter Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.6.5 Hopewind Recent Developments/Updates
 - 9.6.6 Hopewind Competitive Strengths & Weaknesses
- 9.7 Sungrow Power
 - 9.7.1 Sungrow Power Details
 - 9.7.2 Sungrow Power Major Business
 - 9.7.3 Sungrow Power Water-Cooled Doubly-Fed Converter Product and Services
 - 9.7.4 Sungrow Power Water-Cooled Doubly-Fed Converter Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.7.5 Sungrow Power Recent Developments/Updates
 - 9.7.6 Sungrow Power Competitive Strengths & Weaknesses

9.8 Dongfang Electric

9.8.1 Dongfang Electric Details

9.8.2 Dongfang Electric Major Business

9.8.3 Dongfang Electric Water-Cooled Doubly-Fed Converter Product and Services

9.8.4 Dongfang Electric Water-Cooled Doubly-Fed Converter Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.8.5 Dongfang Electric Recent Developments/Updates

9.8.6 Dongfang Electric Competitive Strengths & Weaknesses

9.9 CRRC Times Electric

9.9.1 CRRC Times Electric Details

9.9.2 CRRC Times Electric Major Business

9.9.3 CRRC Times Electric Water-Cooled Doubly-Fed Converter Product and Services

9.9.4 CRRC Times Electric Water-Cooled Doubly-Fed Converter Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.9.5 CRRC Times Electric Recent Developments/Updates

9.9.6 CRRC Times Electric Competitive Strengths & Weaknesses

9.10 Gold Wind

9.10.1 Gold Wind Details

9.10.2 Gold Wind Major Business

9.10.3 Gold Wind Water-Cooled Doubly-Fed Converter Product and Services

9.10.4 Gold Wind Water-Cooled Doubly-Fed Converter Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.10.5 Gold Wind Recent Developments/Updates

9.10.6 Gold Wind Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 Water-Cooled Doubly-Fed Converter Industry Chain

10.2 Water-Cooled Doubly-Fed Converter Upstream Analysis

10.2.1 Water-Cooled Doubly-Fed Converter Core Raw Materials

10.2.2 Main Manufacturers of Water-Cooled Doubly-Fed Converter Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 Water-Cooled Doubly-Fed Converter Production Mode

10.6 Water-Cooled Doubly-Fed Converter Procurement Model

10.7 Water-Cooled Doubly-Fed Converter Industry Sales Model and Sales Channels

10.7.1 Water-Cooled Doubly-Fed Converter Sales Model

10.7.2 Water-Cooled Doubly-Fed Converter 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 Water-Cooled Doubly-Fed Converter Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Water-Cooled Doubly-Fed Converter Production Value by Region (2021-2026) & (USD Million)

Table 3. World Water-Cooled Doubly-Fed Converter Production Value by Region (2027-2032) & (USD Million)

Table 4. World Water-Cooled Doubly-Fed Converter Production Value Market Share by Region (2021-2026)

Table 5. World Water-Cooled Doubly-Fed Converter Production Value Market Share by Region (2027-2032)

Table 6. World Water-Cooled Doubly-Fed Converter Production by Region (2021-2026) & (Units)

Table 7. World Water-Cooled Doubly-Fed Converter Production by Region (2027-2032) & (Units)

Table 8. World Water-Cooled Doubly-Fed Converter Production Market Share by Region (2021-2026)

Table 9. World Water-Cooled Doubly-Fed Converter Production Market Share by Region (2027-2032)

Table 10. World Water-Cooled Doubly-Fed Converter Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World Water-Cooled Doubly-Fed Converter Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. Water-Cooled Doubly-Fed Converter Major Market Trends

Table 13. World Water-Cooled Doubly-Fed Converter Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Units)

Table 14. World Water-Cooled Doubly-Fed Converter Consumption by Region (2021-2026) & (Units)

Table 15. World Water-Cooled Doubly-Fed Converter Consumption Forecast by Region (2027-2032) & (Units)

Table 16. World Water-Cooled Doubly-Fed Converter Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Water-Cooled Doubly-Fed Converter Producers in 2025

Table 18. World Water-Cooled Doubly-Fed Converter Production by Manufacturer (2021-2026) & (Units)

Table 19. Production Market Share of Key Water-Cooled Doubly-Fed Converter Producers in 2025

Table 20. World Water-Cooled Doubly-Fed Converter Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global Water-Cooled Doubly-Fed Converter Company Evaluation Quadrant

Table 22. World Water-Cooled Doubly-Fed Converter Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Water-Cooled Doubly-Fed Converter Production Site of Key Manufacturer

Table 24. Water-Cooled Doubly-Fed Converter Market: Company Product Type Footprint

Table 25. Water-Cooled Doubly-Fed Converter Market: Company Product Application Footprint

Table 26. Water-Cooled Doubly-Fed Converter Competitive Factors

Table 27. Water-Cooled Doubly-Fed Converter New Entrant and Capacity Expansion Plans

Table 28. Water-Cooled Doubly-Fed Converter Mergers & Acquisitions Activity

Table 29. United States VS China Water-Cooled Doubly-Fed Converter Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Water-Cooled Doubly-Fed Converter Production Comparison, (2021 & 2025 & 2032) & (Units)

Table 31. United States VS China Water-Cooled Doubly-Fed Converter Consumption Comparison, (2021 & 2025 & 2032) & (Units)

Table 32. United States Based Water-Cooled Doubly-Fed Converter Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Water-Cooled Doubly-Fed Converter Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Water-Cooled Doubly-Fed Converter Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Water-Cooled Doubly-Fed Converter Production (2021-2026) & (Units)

Table 36. United States Based Manufacturers Water-Cooled Doubly-Fed Converter Production Market Share (2021-2026)

Table 37. China Based Water-Cooled Doubly-Fed Converter Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Water-Cooled Doubly-Fed Converter Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Water-Cooled Doubly-Fed Converter Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Water-Cooled Doubly-Fed Converter Production, (2021-2026) & (Units)

Table 41. China Based Manufacturers Water-Cooled Doubly-Fed Converter Production Market Share (2021-2026)

Table 42. Rest of World Based Water-Cooled Doubly-Fed Converter Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Water-Cooled Doubly-Fed Converter Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Water-Cooled Doubly-Fed Converter Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Water-Cooled Doubly-Fed Converter Production, (2021-2026) & (Units)

Table 46. Rest of World Based Manufacturers Water-Cooled Doubly-Fed Converter Production Market Share (2021-2026)

Table 47. World Water-Cooled Doubly-Fed Converter Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Water-Cooled Doubly-Fed Converter Production by Type (2021-2026) & (Units)

Table 49. World Water-Cooled Doubly-Fed Converter Production by Type (2027-2032) & (Units)

Table 50. World Water-Cooled Doubly-Fed Converter Production Value by Type (2021-2026) & (USD Million)

Table 51. World Water-Cooled Doubly-Fed Converter Production Value by Type (2027-2032) & (USD Million)

Table 52. World Water-Cooled Doubly-Fed Converter Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World Water-Cooled Doubly-Fed Converter Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World Water-Cooled Doubly-Fed Converter Production Value by Fan Capacity, (USD Million), 2021 & 2025 & 2032

Table 55. World Water-Cooled Doubly-Fed Converter Production by Fan Capacity (2021-2026) & (Units)

Table 56. World Water-Cooled Doubly-Fed Converter Production by Fan Capacity (2027-2032) & (Units)

Table 57. World Water-Cooled Doubly-Fed Converter Production Value by Fan Capacity (2021-2026) & (USD Million)

Table 58. World Water-Cooled Doubly-Fed Converter Production Value by Fan Capacity (2027-2032) & (USD Million)

Table 59. World Water-Cooled Doubly-Fed Converter Average Price by Fan Capacity

(2021-2026) & (US\$/Unit)

Table 60. World Water-Cooled Doubly-Fed Converter Average Price by Fan Capacity
(2027-2032) & (US\$/Unit)

Table 61. World Water-Cooled Doubly-Fed Converter Production Value by Voltage,
(USD Million), 2021 & 2025 & 2032

Table 62. World Water-Cooled Doubly-Fed Converter Production by Voltage
(2021-2026) & (Units)

Table 63. World Water-Cooled Doubly-Fed Converter Production by Voltage
(2027-2032) & (Units)

Table 64. World Water-Cooled Doubly-Fed Converter Production Value by Voltage
(2021-2026) & (USD Million)

Table 65. World Water-Cooled Doubly-Fed Converter Production Value by Voltage
(2027-2032) & (USD Million)

Table 66. World Water-Cooled Doubly-Fed Converter Average Price by Voltage
(2021-2026) & (US\$/Unit)

Table 67. World Water-Cooled Doubly-Fed Converter Average Price by Voltage
(2027-2032) & (US\$/Unit)

Table 68. World Water-Cooled Doubly-Fed Converter Production Value by Application,
(USD Million), 2021 & 2025 & 2032

Table 69. World Water-Cooled Doubly-Fed Converter Production by Application
(2021-2026) & (Units)

Table 70. World Water-Cooled Doubly-Fed Converter Production by Application
(2027-2032) & (Units)

Table 71. World Water-Cooled Doubly-Fed Converter Production Value by Application
(2021-2026) & (USD Million)

Table 72. World Water-Cooled Doubly-Fed Converter Production Value by Application
(2027-2032) & (USD Million)

Table 73. World Water-Cooled Doubly-Fed Converter Average Price by Application
(2021-2026) & (US\$/Unit)

Table 74. World Water-Cooled Doubly-Fed Converter Average Price by Application
(2027-2032) & (US\$/Unit)

Table 75. Siemens Basic Information, Manufacturing Base and Competitors

Table 76. Siemens Major Business

Table 77. Siemens Water-Cooled Doubly-Fed Converter Product and Services

Table 78. Siemens Water-Cooled Doubly-Fed Converter Production (Units), Price
(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share
(2021-2026)

Table 79. Siemens Recent Developments/Updates

Table 80. Siemens Competitive Strengths & Weaknesses

Table 81. ABB Basic Information, Manufacturing Base and Competitors
Table 82. ABB Major Business
Table 83. ABB Water-Cooled Doubly-Fed Converter Product and Services
Table 84. ABB Water-Cooled Doubly-Fed Converter Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 85. ABB Recent Developments/Updates
Table 86. ABB Competitive Strengths & Weaknesses
Table 87. GE Basic Information, Manufacturing Base and Competitors
Table 88. GE Major Business
Table 89. GE Water-Cooled Doubly-Fed Converter Product and Services
Table 90. GE Water-Cooled Doubly-Fed Converter Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 91. GE Recent Developments/Updates
Table 92. GE Competitive Strengths & Weaknesses
Table 93. Nordex Basic Information, Manufacturing Base and Competitors
Table 94. Nordex Major Business
Table 95. Nordex Water-Cooled Doubly-Fed Converter Product and Services
Table 96. Nordex Water-Cooled Doubly-Fed Converter Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 97. Nordex Recent Developments/Updates
Table 98. Nordex Competitive Strengths & Weaknesses
Table 99. Ingeteam Basic Information, Manufacturing Base and Competitors
Table 100. Ingeteam Major Business
Table 101. Ingeteam Water-Cooled Doubly-Fed Converter Product and Services
Table 102. Ingeteam Water-Cooled Doubly-Fed Converter Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 103. Ingeteam Recent Developments/Updates
Table 104. Ingeteam Competitive Strengths & Weaknesses
Table 105. Hopewind Basic Information, Manufacturing Base and Competitors
Table 106. Hopewind Major Business
Table 107. Hopewind Water-Cooled Doubly-Fed Converter Product and Services
Table 108. Hopewind Water-Cooled Doubly-Fed Converter Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 109. Hopewind Recent Developments/Updates
Table 110. Hopewind Competitive Strengths & Weaknesses

Table 111. Sungrow Power Basic Information, Manufacturing Base and Competitors
Table 112. Sungrow Power Major Business
Table 113. Sungrow Power Water-Cooled Doubly-Fed Converter Product and Services
Table 114. Sungrow Power Water-Cooled Doubly-Fed Converter Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 115. Sungrow Power Recent Developments/Updates
Table 116. Sungrow Power Competitive Strengths & Weaknesses
Table 117. Dongfang Electric Basic Information, Manufacturing Base and Competitors
Table 118. Dongfang Electric Major Business
Table 119. Dongfang Electric Water-Cooled Doubly-Fed Converter Product and Services
Table 120. Dongfang Electric Water-Cooled Doubly-Fed Converter Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 121. Dongfang Electric Recent Developments/Updates
Table 122. Dongfang Electric Competitive Strengths & Weaknesses
Table 123. CRRC Times Electric Basic Information, Manufacturing Base and Competitors
Table 124. CRRC Times Electric Major Business
Table 125. CRRC Times Electric Water-Cooled Doubly-Fed Converter Product and Services
Table 126. CRRC Times Electric Water-Cooled Doubly-Fed Converter Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 127. CRRC Times Electric Recent Developments/Updates
Table 128. CRRC Times Electric Competitive Strengths & Weaknesses
Table 129. Gold Wind Basic Information, Manufacturing Base and Competitors
Table 130. Gold Wind Major Business
Table 131. Gold Wind Water-Cooled Doubly-Fed Converter Product and Services
Table 132. Gold Wind Water-Cooled Doubly-Fed Converter Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 133. Gold Wind Recent Developments/Updates
Table 134. Gold Wind Competitive Strengths & Weaknesses
Table 135. Global Key Players of Water-Cooled Doubly-Fed Converter Upstream (Raw Materials)
Table 136. Global Water-Cooled Doubly-Fed Converter Typical Customers
Table 137. Water-Cooled Doubly-Fed Converter Typical Distributors

List Of Figures

LIST OF FIGURES

- Figure 1. Water-Cooled Doubly-Fed Converter Picture
- Figure 2. World Water-Cooled Doubly-Fed Converter Production Value: 2021 & 2025 & 2032, (USD Million)
- Figure 3. World Water-Cooled Doubly-Fed Converter Production Value and Forecast (2021-2032) & (USD Million)
- Figure 4. World Water-Cooled Doubly-Fed Converter Production (2021-2032) & (Units)
- Figure 5. World Water-Cooled Doubly-Fed Converter Average Price (2021-2032) & (US\$/Unit)
- Figure 6. World Water-Cooled Doubly-Fed Converter Production Value Market Share by Region (2021-2032)
- Figure 7. World Water-Cooled Doubly-Fed Converter Production Market Share by Region (2021-2032)
- Figure 8. North America Water-Cooled Doubly-Fed Converter Production (2021-2032) & (Units)
- Figure 9. Europe Water-Cooled Doubly-Fed Converter Production (2021-2032) & (Units)
- Figure 10. China Water-Cooled Doubly-Fed Converter Production (2021-2032) & (Units)
- Figure 11. Japan Water-Cooled Doubly-Fed Converter Production (2021-2032) & (Units)
- Figure 12. Water-Cooled Doubly-Fed Converter Market Drivers
- Figure 13. Factors Affecting Demand
- Figure 14. World Water-Cooled Doubly-Fed Converter Consumption (2021-2032) & (Units)
- Figure 15. World Water-Cooled Doubly-Fed Converter Consumption Market Share by Region (2021-2032)
- Figure 16. United States Water-Cooled Doubly-Fed Converter Consumption (2021-2032) & (Units)
- Figure 17. China Water-Cooled Doubly-Fed Converter Consumption (2021-2032) & (Units)
- Figure 18. Europe Water-Cooled Doubly-Fed Converter Consumption (2021-2032) & (Units)
- Figure 19. Japan Water-Cooled Doubly-Fed Converter Consumption (2021-2032) & (Units)
- Figure 20. South Korea Water-Cooled Doubly-Fed Converter Consumption (2021-2032) & (Units)
- Figure 21. ASEAN Water-Cooled Doubly-Fed Converter Consumption (2021-2032) &

(Units)

Figure 22. India Water-Cooled Doubly-Fed Converter Consumption (2021-2032) &

(Units)

Figure 23. Producer Shipments of Water-Cooled Doubly-Fed Converter by
Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Water-Cooled Doubly-Fed
Converter Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Water-Cooled Doubly-Fed
Converter Markets in 2025

Figure 26. United States VS China: Water-Cooled Doubly-Fed Converter Production
Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Water-Cooled Doubly-Fed Converter Production
Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Water-Cooled Doubly-Fed Converter Consumption
Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Water-Cooled Doubly-Fed Converter
Production Market Share 2025

Figure 30. China Based Manufacturers Water-Cooled Doubly-Fed Converter Production
Market Share 2025

Figure 31. Rest of World Based Manufacturers Water-Cooled Doubly-Fed Converter
Production Market Share 2025

Figure 32. World Water-Cooled Doubly-Fed Converter Production Value by Type, (USD
Million), 2021 & 2025 & 2032

Figure 33. World Water-Cooled Doubly-Fed Converter Production Value Market Share
by Type in 2025

Figure 34. Back-to-Back Converters

Figure 35. Modular Converters

Figure 36. World Water-Cooled Doubly-Fed Converter Production Market Share by
Type (2021-2032)

Figure 37. World Water-Cooled Doubly-Fed Converter Production Value Market Share
by Type (2021-2032)

Figure 38. World Water-Cooled Doubly-Fed Converter Average Price by Type
(2021-2032) & (US\$/Unit)

Figure 39. World Water-Cooled Doubly-Fed Converter Production Value by Fan
Capacity, (USD Million), 2021 & 2025 & 2032

Figure 40. World Water-Cooled Doubly-Fed Converter Production Value Market Share
by Fan Capacity in 2025

Figure 41. 2-3MW

Figure 42. 3-5MW

Figure 43. 75MW

Figure 44. World Water-Cooled Doubly-Fed Converter Production Market Share by Fan Capacity (2021-2032)

Figure 45. World Water-Cooled Doubly-Fed Converter Production Value Market Share by Fan Capacity (2021-2032)

Figure 46. World Water-Cooled Doubly-Fed Converter Average Price by Fan Capacity (2021-2032) & (US\$/Unit)

Figure 47. World Water-Cooled Doubly-Fed Converter Production Value by Voltage, (USD Million), 2021 & 2025 & 2032

Figure 48. World Water-Cooled Doubly-Fed Converter Production Value Market Share by Voltage in 2025

Figure 49. 690V

Figure 50. 950V

Figure 51. 1140V

Figure 52. World Water-Cooled Doubly-Fed Converter Production Market Share by Voltage (2021-2032)

Figure 53. World Water-Cooled Doubly-Fed Converter Production Value Market Share by Voltage (2021-2032)

Figure 54. World Water-Cooled Doubly-Fed Converter Average Price by Voltage (2021-2032) & (US\$/Unit)

Figure 55. World Water-Cooled Doubly-Fed Converter Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 56. World Water-Cooled Doubly-Fed Converter Production Value Market Share by Application in 2025

Figure 57. Onshore Wind Power

Figure 58. Offshore Wind Power

Figure 59. Renewable Energy Grid-Connected Systems

Figure 60. High-Power Industrial Drives

Figure 61. Intelligent Wind Power Systems

Figure 62. Others

Figure 63. World Water-Cooled Doubly-Fed Converter Production Market Share by Application (2021-2032)

Figure 64. World Water-Cooled Doubly-Fed Converter Production Value Market Share by Application (2021-2032)

Figure 65. World Water-Cooled Doubly-Fed Converter Average Price by Application (2021-2032) & (US\$/Unit)

Figure 66. Water-Cooled Doubly-Fed Converter Industry Chain

Figure 67. Water-Cooled Doubly-Fed Converter Procurement Model

Figure 68. Water-Cooled Doubly-Fed Converter Sales Model

Figure 69. Water-Cooled Doubly-Fed Converter Sales Channels, Direct Sales, and Distribution

Figure 70. Methodology

Figure 71. Research Process and Data Source

I would like to order

Product name: Global Water-Cooled Doubly-Fed Converter Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GDEB28DC5694EN.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/GDEB28DC5694EN.html>