

# Global HVDC Transmission System Market Research Report 2024(Status and Outlook)

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## Abstracts

### Report Overview

HVDC Transmission System uses direct current for the bulk transmission of electrical power, in contrast with the more common alternating current (AC) systems. For long-distance transmission, HVDC systems may be less expensive and suffer lower electrical losses. For underwater power cables, HVDC avoids the heavy currents required to charge and discharge the cable capacitance each cycle. For shorter distances, the higher cost of DC conversion equipment compared to an AC system may still be justified, due to other benefits of direct current links. HVDC allows power transmission between unsynchronized AC transmission systems. Since the power flow through an HVDC link can be controlled independently of the phase angle between source and load, it can stabilize a network against disturbances due to rapid changes in power. HVDC also allows transfer of power between grid systems running at different frequencies, such as 50 Hz and 60 Hz. This improves the stability and economy of each grid, by allowing exchange of power between incompatible networks.

This report provides a deep insight into the global HVDC Transmission System market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global HVDC Transmission System Market, this report introduces in detail the market

share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the HVDC Transmission System market in any manner.

## Global HVDC Transmission System Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

### Key Company

ABB

Siemens

XD

NR Electric

GE Grid Solution

NKT

TBEA

XJ Group Corporation

Hitachi ABB Power Grids

Nexans

Toshiba

Mitsubishi Electric

Abengoa

Prysmian Group

China XD Group

### Market Segmentation (by Type)

Below 400 kV

Between 400-800 kV

Above 800 kV

### Market Segmentation (by Application)

Overhead Transmission

Underground Transmission

Subsea Transmission

### Geographic Segmentation

%li%North America (USA, Canada, Mexico)

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

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

Pacific)

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

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

Key Benefits of This Market Research:

%li%Industry drivers, restraints, and opportunities covered in the study

%li%Neutral perspective on the market performance

%li%Recent industry trends and developments

%li%Competitive landscape & strategies of key players

%li%Potential & niche segments and regions exhibiting promising growth covered

%li%Historical, current, and projected market size, in terms of value

%li%In-depth analysis of the HVDC Transmission System Market

%li%Overview of the regional outlook of the HVDC Transmission System Market:

Key Reasons to Buy this Report:

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

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

%li%You will be able to copy data from the Excel spreadsheet straight into your

marketing plans, business presentations, or other strategic documents

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

- Provision of market value (USD Billion) data for each segment and sub-segment

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

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

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

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

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

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

- Provides insight into the market through Value Chain

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

- 6-month post-sales analyst support

### Customization of the Report

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

## Chapter Outline

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

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

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

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

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

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

Chapter 7 provides the analysis of various market segments according to application,

covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

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

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

## Contents

### **1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE**

1.1 Market Definition and Statistical Scope of HVDC Transmission System

1.2 Key Market Segments

1.2.1 HVDC Transmission System Segment by Type

1.2.2 HVDC Transmission System Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

### **2 HVDC TRANSMISSION SYSTEM MARKET OVERVIEW**

2.1 Global Market Overview

2.1.1 Global HVDC Transmission System Market Size (M USD) Estimates and Forecasts (2019-2030)

2.1.2 Global HVDC Transmission System Sales Estimates and Forecasts (2019-2030)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

### **3 HVDC TRANSMISSION SYSTEM MARKET COMPETITIVE LANDSCAPE**

3.1 Global HVDC Transmission System Sales by Manufacturers (2019-2024)

3.2 Global HVDC Transmission System Revenue Market Share by Manufacturers (2019-2024)

3.3 HVDC Transmission System Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.4 Global HVDC Transmission System Average Price by Manufacturers (2019-2024)

3.5 Manufacturers HVDC Transmission System Sales Sites, Area Served, Product Type

3.6 HVDC Transmission System Market Competitive Situation and Trends

3.6.1 HVDC Transmission System Market Concentration Rate

3.6.2 Global 5 and 10 Largest HVDC Transmission System Players Market Share by Revenue

3.6.3 Mergers & Acquisitions, Expansion



## **4 HVDC TRANSMISSION SYSTEM INDUSTRY CHAIN ANALYSIS**

- 4.1 HVDC Transmission System Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

## **5 THE DEVELOPMENT AND DYNAMICS OF HVDC TRANSMISSION SYSTEM MARKET**

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Market Restraints
- 5.5 Industry News
  - 5.5.1 New Product Developments
  - 5.5.2 Mergers & Acquisitions
  - 5.5.3 Expansions
  - 5.5.4 Collaboration/Supply Contracts
- 5.6 Industry Policies

## **6 HVDC TRANSMISSION SYSTEM MARKET SEGMENTATION BY TYPE**

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global HVDC Transmission System Sales Market Share by Type (2019-2024)
- 6.3 Global HVDC Transmission System Market Size Market Share by Type (2019-2024)
- 6.4 Global HVDC Transmission System Price by Type (2019-2024)

## **7 HVDC TRANSMISSION SYSTEM MARKET SEGMENTATION BY APPLICATION**

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global HVDC Transmission System Market Sales by Application (2019-2024)
- 7.3 Global HVDC Transmission System Market Size (M USD) by Application (2019-2024)
- 7.4 Global HVDC Transmission System Sales Growth Rate by Application (2019-2024)

## **8 HVDC TRANSMISSION SYSTEM MARKET SEGMENTATION BY REGION**

- 8.1 Global HVDC Transmission System Sales by Region

- 8.1.1 Global HVDC Transmission System Sales by Region
- 8.1.2 Global HVDC Transmission System Sales Market Share by Region
- 8.2 North America
  - 8.2.1 North America HVDC Transmission System Sales by Country
  - 8.2.2 U.S.
  - 8.2.3 Canada
  - 8.2.4 Mexico
- 8.3 Europe
  - 8.3.1 Europe HVDC Transmission System Sales by Country
  - 8.3.2 Germany
  - 8.3.3 France
  - 8.3.4 U.K.
  - 8.3.5 Italy
  - 8.3.6 Russia
- 8.4 Asia Pacific
  - 8.4.1 Asia Pacific HVDC Transmission System Sales by Region
  - 8.4.2 China
  - 8.4.3 Japan
  - 8.4.4 South Korea
  - 8.4.5 India
  - 8.4.6 Southeast Asia
- 8.5 South America
  - 8.5.1 South America HVDC Transmission System Sales by Country
  - 8.5.2 Brazil
  - 8.5.3 Argentina
  - 8.5.4 Columbia
- 8.6 Middle East and Africa
  - 8.6.1 Middle East and Africa HVDC Transmission System Sales by Region
  - 8.6.2 Saudi Arabia
  - 8.6.3 UAE
  - 8.6.4 Egypt
  - 8.6.5 Nigeria
  - 8.6.6 South Africa

## **9 KEY COMPANIES PROFILE**

- 9.1 ABB
  - 9.1.1 ABB HVDC Transmission System Basic Information
  - 9.1.2 ABB HVDC Transmission System Product Overview

- 9.1.3 ABB HVDC Transmission System Product Market Performance
- 9.1.4 ABB Business Overview
- 9.1.5 ABB HVDC Transmission System SWOT Analysis
- 9.1.6 ABB Recent Developments
- 9.2 Siemens
  - 9.2.1 Siemens HVDC Transmission System Basic Information
  - 9.2.2 Siemens HVDC Transmission System Product Overview
  - 9.2.3 Siemens HVDC Transmission System Product Market Performance
  - 9.2.4 Siemens Business Overview
  - 9.2.5 Siemens HVDC Transmission System SWOT Analysis
  - 9.2.6 Siemens Recent Developments
- 9.3 XD
  - 9.3.1 XD HVDC Transmission System Basic Information
  - 9.3.2 XD HVDC Transmission System Product Overview
  - 9.3.3 XD HVDC Transmission System Product Market Performance
  - 9.3.4 XD HVDC Transmission System SWOT Analysis
  - 9.3.5 XD Business Overview
  - 9.3.6 XD Recent Developments
- 9.4 NR Electric
  - 9.4.1 NR Electric HVDC Transmission System Basic Information
  - 9.4.2 NR Electric HVDC Transmission System Product Overview
  - 9.4.3 NR Electric HVDC Transmission System Product Market Performance
  - 9.4.4 NR Electric Business Overview
  - 9.4.5 NR Electric Recent Developments
- 9.5 GE Grid Solution
  - 9.5.1 GE Grid Solution HVDC Transmission System Basic Information
  - 9.5.2 GE Grid Solution HVDC Transmission System Product Overview
  - 9.5.3 GE Grid Solution HVDC Transmission System Product Market Performance
  - 9.5.4 GE Grid Solution Business Overview
  - 9.5.5 GE Grid Solution Recent Developments
- 9.6 NKT
  - 9.6.1 NKT HVDC Transmission System Basic Information
  - 9.6.2 NKT HVDC Transmission System Product Overview
  - 9.6.3 NKT HVDC Transmission System Product Market Performance
  - 9.6.4 NKT Business Overview
  - 9.6.5 NKT Recent Developments
- 9.7 TBEA
  - 9.7.1 TBEA HVDC Transmission System Basic Information
  - 9.7.2 TBEA HVDC Transmission System Product Overview

- 9.7.3 TBEA HVDC Transmission System Product Market Performance
- 9.7.4 TBEA Business Overview
- 9.7.5 TBEA Recent Developments
- 9.8 XJ Group Corporation
  - 9.8.1 XJ Group Corporation HVDC Transmission System Basic Information
  - 9.8.2 XJ Group Corporation HVDC Transmission System Product Overview
  - 9.8.3 XJ Group Corporation HVDC Transmission System Product Market Performance
  - 9.8.4 XJ Group Corporation Business Overview
  - 9.8.5 XJ Group Corporation Recent Developments
- 9.9 Hitachi ABB Power Grids
  - 9.9.1 Hitachi ABB Power Grids HVDC Transmission System Basic Information
  - 9.9.2 Hitachi ABB Power Grids HVDC Transmission System Product Overview
  - 9.9.3 Hitachi ABB Power Grids HVDC Transmission System Product Market Performance
  - 9.9.4 Hitachi ABB Power Grids Business Overview
  - 9.9.5 Hitachi ABB Power Grids Recent Developments
- 9.10 Nexans
  - 9.10.1 Nexans HVDC Transmission System Basic Information
  - 9.10.2 Nexans HVDC Transmission System Product Overview
  - 9.10.3 Nexans HVDC Transmission System Product Market Performance
  - 9.10.4 Nexans Business Overview
  - 9.10.5 Nexans Recent Developments
- 9.11 Toshiba
  - 9.11.1 Toshiba HVDC Transmission System Basic Information
  - 9.11.2 Toshiba HVDC Transmission System Product Overview
  - 9.11.3 Toshiba HVDC Transmission System Product Market Performance
  - 9.11.4 Toshiba Business Overview
  - 9.11.5 Toshiba Recent Developments
- 9.12 Mitsubishi Electric
  - 9.12.1 Mitsubishi Electric HVDC Transmission System Basic Information
  - 9.12.2 Mitsubishi Electric HVDC Transmission System Product Overview
  - 9.12.3 Mitsubishi Electric HVDC Transmission System Product Market Performance
  - 9.12.4 Mitsubishi Electric Business Overview
  - 9.12.5 Mitsubishi Electric Recent Developments
- 9.13 Abengoa
  - 9.13.1 Abengoa HVDC Transmission System Basic Information
  - 9.13.2 Abengoa HVDC Transmission System Product Overview
  - 9.13.3 Abengoa HVDC Transmission System Product Market Performance
  - 9.13.4 Abengoa Business Overview

- 9.13.5 Abengoa Recent Developments
- 9.14 Prysmian Group
  - 9.14.1 Prysmian Group HVDC Transmission System Basic Information
  - 9.14.2 Prysmian Group HVDC Transmission System Product Overview
  - 9.14.3 Prysmian Group HVDC Transmission System Product Market Performance
  - 9.14.4 Prysmian Group Business Overview
  - 9.14.5 Prysmian Group Recent Developments
- 9.15 China XD Group
  - 9.15.1 China XD Group HVDC Transmission System Basic Information
  - 9.15.2 China XD Group HVDC Transmission System Product Overview
  - 9.15.3 China XD Group HVDC Transmission System Product Market Performance
  - 9.15.4 China XD Group Business Overview
  - 9.15.5 China XD Group Recent Developments

## **10 HVDC TRANSMISSION SYSTEM MARKET FORECAST BY REGION**

- 10.1 Global HVDC Transmission System Market Size Forecast
- 10.2 Global HVDC Transmission System Market Forecast by Region
  - 10.2.1 North America Market Size Forecast by Country
  - 10.2.2 Europe HVDC Transmission System Market Size Forecast by Country
  - 10.2.3 Asia Pacific HVDC Transmission System Market Size Forecast by Region
  - 10.2.4 South America HVDC Transmission System Market Size Forecast by Country
  - 10.2.5 Middle East and Africa Forecasted Consumption of HVDC Transmission System by Country

## **11 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2030)**

- 11.1 Global HVDC Transmission System Market Forecast by Type (2025-2030)
  - 11.1.1 Global Forecasted Sales of HVDC Transmission System by Type (2025-2030)
  - 11.1.2 Global HVDC Transmission System Market Size Forecast by Type (2025-2030)
  - 11.1.3 Global Forecasted Price of HVDC Transmission System by Type (2025-2030)
- 11.2 Global HVDC Transmission System Market Forecast by Application (2025-2030)
  - 11.2.1 Global HVDC Transmission System Sales (K Units) Forecast by Application
  - 11.2.2 Global HVDC Transmission System Market Size (M USD) Forecast by Application (2025-2030)

## **12 CONCLUSION AND KEY FINDINGS**

## List Of Tables

### LIST OF TABLES

- Table 1. Introduction of the Type
- Table 2. Introduction of the Application
- Table 3. Market Size (M USD) Segment Executive Summary
- Table 4. HVDC Transmission System Market Size Comparison by Region (M USD)
- Table 5. Global HVDC Transmission System Sales (K Units) by Manufacturers (2019-2024)
- Table 6. Global HVDC Transmission System Sales Market Share by Manufacturers (2019-2024)
- Table 7. Global HVDC Transmission System Revenue (M USD) by Manufacturers (2019-2024)
- Table 8. Global HVDC Transmission System Revenue Share by Manufacturers (2019-2024)
- Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in HVDC Transmission System as of 2022)
- Table 10. Global Market HVDC Transmission System Average Price (USD/Unit) of Key Manufacturers (2019-2024)
- Table 11. Manufacturers HVDC Transmission System Sales Sites and Area Served
- Table 12. Manufacturers HVDC Transmission System Product Type
- Table 13. Global HVDC Transmission System Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 14. Mergers & Acquisitions, Expansion Plans
- Table 15. Industry Chain Map of HVDC Transmission System
- Table 16. Market Overview of Key Raw Materials
- Table 17. Midstream Market Analysis
- Table 18. Downstream Customer Analysis
- Table 19. Key Development Trends
- Table 20. Driving Factors
- Table 21. HVDC Transmission System Market Challenges
- Table 22. Global HVDC Transmission System Sales by Type (K Units)
- Table 23. Global HVDC Transmission System Market Size by Type (M USD)
- Table 24. Global HVDC Transmission System Sales (K Units) by Type (2019-2024)
- Table 25. Global HVDC Transmission System Sales Market Share by Type (2019-2024)
- Table 26. Global HVDC Transmission System Market Size (M USD) by Type (2019-2024)
- Table 27. Global HVDC Transmission System Market Size Share by Type (2019-2024)

- Table 28. Global HVDC Transmission System Price (USD/Unit) by Type (2019-2024)
- Table 29. Global HVDC Transmission System Sales (K Units) by Application
- Table 30. Global HVDC Transmission System Market Size by Application
- Table 31. Global HVDC Transmission System Sales by Application (2019-2024) & (K Units)
- Table 32. Global HVDC Transmission System Sales Market Share by Application (2019-2024)
- Table 33. Global HVDC Transmission System Sales by Application (2019-2024) & (M USD)
- Table 34. Global HVDC Transmission System Market Share by Application (2019-2024)
- Table 35. Global HVDC Transmission System Sales Growth Rate by Application (2019-2024)
- Table 36. Global HVDC Transmission System Sales by Region (2019-2024) & (K Units)
- Table 37. Global HVDC Transmission System Sales Market Share by Region (2019-2024)
- Table 38. North America HVDC Transmission System Sales by Country (2019-2024) & (K Units)
- Table 39. Europe HVDC Transmission System Sales by Country (2019-2024) & (K Units)
- Table 40. Asia Pacific HVDC Transmission System Sales by Region (2019-2024) & (K Units)
- Table 41. South America HVDC Transmission System Sales by Country (2019-2024) & (K Units)
- Table 42. Middle East and Africa HVDC Transmission System Sales by Region (2019-2024) & (K Units)
- Table 43. ABB HVDC Transmission System Basic Information
- Table 44. ABB HVDC Transmission System Product Overview
- Table 45. ABB HVDC Transmission System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 46. ABB Business Overview
- Table 47. ABB HVDC Transmission System SWOT Analysis
- Table 48. ABB Recent Developments
- Table 49. Siemens HVDC Transmission System Basic Information
- Table 50. Siemens HVDC Transmission System Product Overview
- Table 51. Siemens HVDC Transmission System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 52. Siemens Business Overview
- Table 53. Siemens HVDC Transmission System SWOT Analysis
- Table 54. Siemens Recent Developments

Table 55. XD HVDC Transmission System Basic Information

Table 56. XD HVDC Transmission System Product Overview

Table 57. XD HVDC Transmission System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 58. XD HVDC Transmission System SWOT Analysis

Table 59. XD Business Overview

Table 60. XD Recent Developments

Table 61. NR Electric HVDC Transmission System Basic Information

Table 62. NR Electric HVDC Transmission System Product Overview

Table 63. NR Electric HVDC Transmission System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 64. NR Electric Business Overview

Table 65. NR Electric Recent Developments

Table 66. GE Grid Solution HVDC Transmission System Basic Information

Table 67. GE Grid Solution HVDC Transmission System Product Overview

Table 68. GE Grid Solution HVDC Transmission System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 69. GE Grid Solution Business Overview

Table 70. GE Grid Solution Recent Developments

Table 71. NKT HVDC Transmission System Basic Information

Table 72. NKT HVDC Transmission System Product Overview

Table 73. NKT HVDC Transmission System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 74. NKT Business Overview

Table 75. NKT Recent Developments

Table 76. TBEA HVDC Transmission System Basic Information

Table 77. TBEA HVDC Transmission System Product Overview

Table 78. TBEA HVDC Transmission System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 79. TBEA Business Overview

Table 80. TBEA Recent Developments

Table 81. XJ Group Corporation HVDC Transmission System Basic Information

Table 82. XJ Group Corporation HVDC Transmission System Product Overview

Table 83. XJ Group Corporation HVDC Transmission System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 84. XJ Group Corporation Business Overview

Table 85. XJ Group Corporation Recent Developments

Table 86. Hitachi ABB Power Grids HVDC Transmission System Basic Information

Table 87. Hitachi ABB Power Grids HVDC Transmission System Product Overview



- Table 88. Hitachi ABB Power Grids HVDC Transmission System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 89. Hitachi ABB Power Grids Business Overview
- Table 90. Hitachi ABB Power Grids Recent Developments
- Table 91. Nexans HVDC Transmission System Basic Information
- Table 92. Nexans HVDC Transmission System Product Overview
- Table 93. Nexans HVDC Transmission System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 94. Nexans Business Overview
- Table 95. Nexans Recent Developments
- Table 96. Toshiba HVDC Transmission System Basic Information
- Table 97. Toshiba HVDC Transmission System Product Overview
- Table 98. Toshiba HVDC Transmission System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 99. Toshiba Business Overview
- Table 100. Toshiba Recent Developments
- Table 101. Mitsubishi Electric HVDC Transmission System Basic Information
- Table 102. Mitsubishi Electric HVDC Transmission System Product Overview
- Table 103. Mitsubishi Electric HVDC Transmission System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 104. Mitsubishi Electric Business Overview
- Table 105. Mitsubishi Electric Recent Developments
- Table 106. Abengoa HVDC Transmission System Basic Information
- Table 107. Abengoa HVDC Transmission System Product Overview
- Table 108. Abengoa HVDC Transmission System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 109. Abengoa Business Overview
- Table 110. Abengoa Recent Developments
- Table 111. Prysmian Group HVDC Transmission System Basic Information
- Table 112. Prysmian Group HVDC Transmission System Product Overview
- Table 113. Prysmian Group HVDC Transmission System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 114. Prysmian Group Business Overview
- Table 115. Prysmian Group Recent Developments
- Table 116. China XD Group HVDC Transmission System Basic Information
- Table 117. China XD Group HVDC Transmission System Product Overview
- Table 118. China XD Group HVDC Transmission System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 119. China XD Group Business Overview

Table 120. China XD Group Recent Developments

Table 121. Global HVDC Transmission System Sales Forecast by Region (2025-2030) & (K Units)

Table 122. Global HVDC Transmission System Market Size Forecast by Region (2025-2030) & (M USD)

Table 123. North America HVDC Transmission System Sales Forecast by Country (2025-2030) & (K Units)

Table 124. North America HVDC Transmission System Market Size Forecast by Country (2025-2030) & (M USD)

Table 125. Europe HVDC Transmission System Sales Forecast by Country (2025-2030) & (K Units)

Table 126. Europe HVDC Transmission System Market Size Forecast by Country (2025-2030) & (M USD)

Table 127. Asia Pacific HVDC Transmission System Sales Forecast by Region (2025-2030) & (K Units)

Table 128. Asia Pacific HVDC Transmission System Market Size Forecast by Region (2025-2030) & (M USD)

Table 129. South America HVDC Transmission System Sales Forecast by Country (2025-2030) & (K Units)

Table 130. South America HVDC Transmission System Market Size Forecast by Country (2025-2030) & (M USD)

Table 131. Middle East and Africa HVDC Transmission System Consumption Forecast by Country (2025-2030) & (Units)

Table 132. Middle East and Africa HVDC Transmission System Market Size Forecast by Country (2025-2030) & (M USD)

Table 133. Global HVDC Transmission System Sales Forecast by Type (2025-2030) & (K Units)

Table 134. Global HVDC Transmission System Market Size Forecast by Type (2025-2030) & (M USD)

Table 135. Global HVDC Transmission System Price Forecast by Type (2025-2030) & (USD/Unit)

Table 136. Global HVDC Transmission System Sales (K Units) Forecast by Application (2025-2030)

Table 137. Global HVDC Transmission System Market Size Forecast by Application (2025-2030) & (M USD)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of HVDC Transmission System
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global HVDC Transmission System Market Size (M USD), 2019-2030
- Figure 5. Global HVDC Transmission System Market Size (M USD) (2019-2030)
- Figure 6. Global HVDC Transmission System Sales (K Units) & (2019-2030)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. HVDC Transmission System Market Size by Country (M USD)
- Figure 11. HVDC Transmission System Sales Share by Manufacturers in 2023
- Figure 12. Global HVDC Transmission System Revenue Share by Manufacturers in 2023
- Figure 13. HVDC Transmission System Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023
- Figure 14. Global Market HVDC Transmission System Average Price (USD/Unit) of Key Manufacturers in 2023
- Figure 15. The Global 5 and 10 Largest Players: Market Share by HVDC Transmission System Revenue in 2023
- Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 17. Global HVDC Transmission System Market Share by Type
- Figure 18. Sales Market Share of HVDC Transmission System by Type (2019-2024)
- Figure 19. Sales Market Share of HVDC Transmission System by Type in 2023
- Figure 20. Market Size Share of HVDC Transmission System by Type (2019-2024)
- Figure 21. Market Size Market Share of HVDC Transmission System by Type in 2023
- Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 23. Global HVDC Transmission System Market Share by Application
- Figure 24. Global HVDC Transmission System Sales Market Share by Application (2019-2024)
- Figure 25. Global HVDC Transmission System Sales Market Share by Application in 2023
- Figure 26. Global HVDC Transmission System Market Share by Application (2019-2024)
- Figure 27. Global HVDC Transmission System Market Share by Application in 2023
- Figure 28. Global HVDC Transmission System Sales Growth Rate by Application

(2019-2024)

Figure 29. Global HVDC Transmission System Sales Market Share by Region

(2019-2024)

Figure 30. North America HVDC Transmission System Sales and Growth Rate

(2019-2024) & (K Units)

Figure 31. North America HVDC Transmission System Sales Market Share by Country in 2023

Figure 32. U.S. HVDC Transmission System Sales and Growth Rate (2019-2024) & (K Units)

Figure 33. Canada HVDC Transmission System Sales (K Units) and Growth Rate (2019-2024)

Figure 34. Mexico HVDC Transmission System Sales (Units) and Growth Rate (2019-2024)

Figure 35. Europe HVDC Transmission System Sales and Growth Rate (2019-2024) & (K Units)

Figure 36. Europe HVDC Transmission System Sales Market Share by Country in 2023

Figure 37. Germany HVDC Transmission System Sales and Growth Rate (2019-2024) & (K Units)

Figure 38. France HVDC Transmission System Sales and Growth Rate (2019-2024) & (K Units)

Figure 39. U.K. HVDC Transmission System Sales and Growth Rate (2019-2024) & (K Units)

Figure 40. Italy HVDC Transmission System Sales and Growth Rate (2019-2024) & (K Units)

Figure 41. Russia HVDC Transmission System Sales and Growth Rate (2019-2024) & (K Units)

Figure 42. Asia Pacific HVDC Transmission System Sales and Growth Rate (K Units)

Figure 43. Asia Pacific HVDC Transmission System Sales Market Share by Region in 2023

Figure 44. China HVDC Transmission System Sales and Growth Rate (2019-2024) & (K Units)

Figure 45. Japan HVDC Transmission System Sales and Growth Rate (2019-2024) & (K Units)

Figure 46. South Korea HVDC Transmission System Sales and Growth Rate (2019-2024) & (K Units)

Figure 47. India HVDC Transmission System Sales and Growth Rate (2019-2024) & (K Units)

Figure 48. Southeast Asia HVDC Transmission System Sales and Growth Rate (2019-2024) & (K Units)

Figure 49. South America HVDC Transmission System Sales and Growth Rate (K Units)

Figure 50. South America HVDC Transmission System Sales Market Share by Country in 2023

Figure 51. Brazil HVDC Transmission System Sales and Growth Rate (2019-2024) & (K Units)

Figure 52. Argentina HVDC Transmission System Sales and Growth Rate (2019-2024) & (K Units)

Figure 53. Columbia HVDC Transmission System Sales and Growth Rate (2019-2024) & (K Units)

Figure 54. Middle East and Africa HVDC Transmission System Sales and Growth Rate (K Units)

Figure 55. Middle East and Africa HVDC Transmission System Sales Market Share by Region in 2023

Figure 56. Saudi Arabia HVDC Transmission System Sales and Growth Rate (2019-2024) & (K Units)

Figure 57. UAE HVDC Transmission System Sales and Growth Rate (2019-2024) & (K Units)

Figure 58. Egypt HVDC Transmission System Sales and Growth Rate (2019-2024) & (K Units)

Figure 59. Nigeria HVDC Transmission System Sales and Growth Rate (2019-2024) & (K Units)

Figure 60. South Africa HVDC Transmission System Sales and Growth Rate (2019-2024) & (K Units)

Figure 61. Global HVDC Transmission System Sales Forecast by Volume (2019-2030) & (K Units)

Figure 62. Global HVDC Transmission System Market Size Forecast by Value (2019-2030) & (M USD)

Figure 63. Global HVDC Transmission System Sales Market Share Forecast by Type (2025-2030)

Figure 64. Global HVDC Transmission System Market Share Forecast by Type (2025-2030)

Figure 65. Global HVDC Transmission System Sales Forecast by Application (2025-2030)

Figure 66. Global HVDC Transmission System Market Share Forecast by Application (2025-2030)

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