

# Global High Voltage Direct Current (HVDC) Valves Supply, Demand and Key Producers, 2024-2030

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## Abstracts

The global High Voltage Direct Current (HVDC) Valves market size is expected to reach \$ 252.7 million by 2030, rising at a market growth of 6.6% CAGR during the forecast period (2024-2030).

**Increasing Demand for HVDC Transmission:** The growing need for long-distance, high-capacity power transmission was driving the demand for HVDC systems globally. HVDC technology offers advantages such as lower transmission losses, improved grid stability, and enhanced integration of renewable energy sources, driving the deployment of HVDC transmission projects and, consequently, the demand for HVDC valves.

**Expansion of Renewable Energy Infrastructure:** The expansion of renewable energy infrastructure, particularly offshore wind farms, was driving the need for HVDC transmission systems to connect remote renewable energy sources to onshore grids. HVDC valves play a critical role in these systems by converting and controlling the flow of power between AC and DC transmission systems, facilitating the integration of renewable energy into the grid.

This report studies the global High Voltage Direct Current (HVDC) Valves production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for High Voltage Direct Current (HVDC) Valves, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2023 as the base year. This report explores demand trends and competition, as well as details the characteristics of High Voltage Direct Current (HVDC) Valves that contribute to its increasing demand across many markets.

## Highlights and key features of the study

Global High Voltage Direct Current (HVDC) Valves total production and demand, 2019-2030, (K Units)

Global High Voltage Direct Current (HVDC) Valves total production value, 2019-2030, (USD Million)

Global High Voltage Direct Current (HVDC) Valves production by region & country, production, value, CAGR, 2019-2030, (USD Million) & (K Units)

Global High Voltage Direct Current (HVDC) Valves consumption by region & country, CAGR, 2019-2030 & (K Units)

U.S. VS China: High Voltage Direct Current (HVDC) Valves domestic production, consumption, key domestic manufacturers and share

Global High Voltage Direct Current (HVDC) Valves production by manufacturer, production, price, value and market share 2019-2024, (USD Million) & (K Units)

Global High Voltage Direct Current (HVDC) Valves production by Type, production, value, CAGR, 2019-2030, (USD Million) & (K Units)

Global High Voltage Direct Current (HVDC) Valves production by Application production, value, CAGR, 2019-2030, (USD Million) & (K Units).

This reports profiles key players in the global High Voltage Direct Current (HVDC) Valves 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 ABB, Siemens, GE Grid Solution, BHEL, Orano, Toshiba, Mitsubishi, XJ Electric and Nari Technology, 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 High Voltage Direct Current (HVDC) Valves market.

## Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2019-2030 by year with 2023 as the base year, 2024 as the estimate year, and 2025-2030 as the forecast year.

## Global High Voltage Direct Current (HVDC) Valves Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

## Global High Voltage Direct Current (HVDC) Valves Market, Segmentation by Type

Mercury Arc Valves

Thyristor Valves

Other

## Global High Voltage Direct Current (HVDC) Valves Market, Segmentation by Application

Overhead Transmission

Underground Transmission

Subsea Transmission

#### Companies Profiled:

ABB

Siemens

GE Grid Solution

BHEL

Orano

Toshiba

Mitsubishi

XJ Electric

Nari Technology

#### Key Questions Answered

1. How big is the global High Voltage Direct Current (HVDC) Valves market?
2. What is the demand of the global High Voltage Direct Current (HVDC) Valves market?
3. What is the year over year growth of the global High Voltage Direct Current (HVDC) Valves market?
4. What is the production and production value of the global High Voltage Direct Current

(HVDC) Valves market?

5. Who are the key producers in the global High Voltage Direct Current (HVDC) Valves market?

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