

Global HVDC Devices Market Growth (Status and Outlook) 2024-2030

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Abstracts

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The global HVDC Devices market size is projected to grow from US\$ million in 2023 to US\$ million in 2030; it is expected to grow at a CAGR of % from 2024 to 2030.

LPI (LP Information)' newest research report, the “HVDC Devices Industry Forecast” looks at past sales and reviews total world HVDC Devices sales in 2023, providing a comprehensive analysis by region and market sector of projected HVDC Devices sales for 2024 through 2030. With HVDC Devices sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world HVDC Devices industry.

This Insight Report provides a comprehensive analysis of the global HVDC Devices landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on HVDC Devices portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global HVDC Devices market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for HVDC Devices and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global HVDC Devices.

Renewable Energy Integration: The transition towards renewable energy sources such as wind and solar power was driving the need for efficient long-distance electricity transmission. HVDC technology enables the integration of remote renewable energy resources into existing power grids by overcoming transmission constraints and reducing power losses over long distances.

Grid Modernization Initiatives: Increasing investments in grid modernization projects, particularly in aging infrastructure regions, were driving the adoption of HVDC transmission systems. HVDC devices facilitate the upgrade and expansion of power transmission networks, improving grid reliability, stability, and capacity while enabling the integration of renewable energy and distributed generation resources.

This report presents a comprehensive overview, market shares, and growth opportunities of HVDC Devices market by product type, application, key players and key regions and countries.

Segmentation by type

Voltage-Source Converters (VSC)

Converter Transformers

HVDC Converter Stations

Other

Segmentation by application

Overhead Transmission

Underground Transmission

Subsea Transmission

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Hitachi ABB Power Grids

Siemens

Prysmian Group

XD Group

GE Grid Solution

TBEA

Xuji Group

Nexans

NKT

Toshiba Energy Systems & Solutions

Mitsubishi Electric

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