

Global High Voltage Equipment Market Size study, by Equipment (Switchgear, Switches, Power Transformer, Instrument Transformer, Reactive Power Equipment, Insulator, Control Equipment, Relay Panel, Carrier Cabinet, Communication Equipment, SCADA, Earthing Material, Battery Set), by Voltage Level (UHV- Ultra high voltage (800 kV and Above), EHV (200 kV and above), HVDC (500 kV DC), HV (66 kV to 200 kV)) and Regional Forecasts 2022-2028

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Abstracts

Global High Voltage Equipment Market is valued at approximately USD 122.50 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 5.6 % over the forecast period 2022-2028. Any piece of equipment that carries a high voltage power supply is classified as high voltage equipment. This equipment is ideal for use in electrical devices that require a high-voltage power supply. High-voltage equipment is also employed in transmission and distribution networks, and it helps to prevent damage at particular voltage levels. The electric power system cannot function without high-voltage equipment. The advancement of industry and replacement of old transmission infrastructure have led to the adoption of High Voltage Equipment across the forecast period. For Instance: as per Statista in 2021, Electrical wires, cables, and conductors with insulating layers for voltages up to 1000 volts are expected to generate roughly 416.65 million US dollars in revenue in Brazil by 2025. Also, with the increasing industrial electricity consumption, the adoption & demand for High Voltage Equipment is likely to increase the market growth during the forecast period. However, high costs associated with High Voltage Equipment impede the growth of the market over the forecast period of 2022-2028.

The key regions considered for the Global High Voltage Equipment Market study include Asia Pacific, North America, Europe, Latin America and Rest of the World. Asia Pacific is the leading region across the world in terms of market share owing to the advancement of the industry coupled with the replacement of old transmission infrastructure. Whereas, Europe is also anticipated to exhibit the highest growth rate over the forecast period 2022-2028. Factors such as increasing industrial electricity consumption would create lucrative growth prospects for the High Voltage Equipment Market across European region.

Major Market players included in this report are:

General Electric

Tebian Electric Apparatus

Siemens

Larsen and Toubro

ABB

Mitsubishi Electric

Fuji Electric

Crompton Greaves

Toshiba

Hitachi

The objective of the study is to define Market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the Market. Additionally, the report shall also incorporate available opportunities in micro Markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the Market are explained below:

By Equipment:

Switchgear

Switches

Power Transformer

Instrument Transformer

Reactive Power Equipment

Insulator

Control Equipment

Relay Panel
Carrier Cabinet
Communication Equipment
SCADA
Earthing Material
Battery Set
By Voltage Level:
UHV-Ultra high voltage (800 kV and Above)
EHV (200 kV and above)
HVDC (500 kV DC)
HV (66 kV to 200 kV)
By Region:
North America
U.S.
Canada
Europe
UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global High Voltage Equipment Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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