

Global Paralleling Switchgear Market Size study & Forecast, by Channel (Low voltage, medium voltage) by Application (Prime, Standby, Peak Shave, Others), by End Use (Commercial, Industrial, Utilities, Others) and Regional Analysis, 2023-2030

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Abstracts

Global Paralleling Switchgear Market is valued approximately USD XXX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. Paralleling switchgear is developed for an operation that requires two or more generators are synchronized and then linked to a shared power source. The system is able to be used at various voltages and contains breaker and control spaces. Paralleling switchgear includes breaker and control sections. These two parts can be used independently or as a single line-up. Additionally, the voltage of this switchgear might be low or medium. Through the use of separated controls, it offers improved reliability, flexible load management, uninterruptible maintenance, and cost savings. It performs as an integrated system that monitors, measures, controls, and switches parts to manage how power is distributed for the system, including an optional standby system, a system for critical operating power, a system for emergency power, and a system for critical operating power under regulations. These sets are usually used in important environments like data centers and hospitals, where power outages might result in fatalities or substantial financial losses. A growth in power consumption as well as continuous technical advancements in the energy industry are the main factors driving the worldwide market for paralleling switchgear. During the projected period, it is predicted that the rapid use of paralleling switchgear in the oil & gas, mining, construction, and telecom industries would propel market expansion.

Moreover, the growing number of data centers is indeed supporting the growth of the Paralleling Switchgear Market. As the demand for data centers continues to rise, there

is a corresponding need for reliable and efficient electrical infrastructure to support their operations. Paralleling switchgear plays a vital role in data centers by providing reliable and redundant power distribution. It allows multiple generators to operate in parallel, ensuring continuous power supply even in the event of a generator failure or increased power demand. Thus, the growing data centers is anticipated to support the market growth. According to United States International Trade Commission, as of year 2021 US has the highest number of data center across the globe, the country has reported more than 2,600 data centers in year 2021 spread across the country. Along with these the country is witnessing rise in development and construction of new data centers which is further catering the market growth. Additionally, emerging distributed generation is anticipated to create the lucrative opportunity for the market during forecast period. However, the high cost and availability of competing alternatives stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Paralleling Switchgear Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the presence of key market players, rising number of data centers, and growing technological advancement in the region. Asia Pacific is expected to grow significantly during the forecast period, owing to factors such as population expansion coupled with a substantial rise in energy consumption has caused the industrial, commercial, and residential infrastructure in the area to rise rapidly. In addition, data center investments, rising urbanization, rising demand from the construction, and telecom.

Major market player included in this report are:

Caterpillar Inc.

Schneider Electric SE

Advanced Power Technologies

General Electric Company

Industrial Electric Mfg

Ruselectric Inc.

Cummins Inc

Pioneer Power Solutions

Regal Beloit Corporation

Enercon Engineering, Inc.

Recent Developments in the Market:

NA

Global Paralleling Switchgear Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Channel, Application, End Use, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

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 years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential 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 Channel:

Low voltage

Medium voltage

By Application:

Prime

Standby

Peak Shave

Others

By End Use:

Commercial

Industrial

Utilities

Others

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

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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