

Global Paralleling Switchgear Market Overview And Statistic For 2024-2033

The Business Research Company's Paralleling Switchgear Global Market Report 2024 – Market Size, Trends, And Global Forecast 2024-2033

LONDON, GREATER LONDON, UK, August 20, 2024 /EINPresswire.com/ --The global <u>paralleling switchgear</u> <u>market</u> has demonstrated significant



growth in recent years. It is projected to increase from \$1.52 billion in 2023 to \$1.61 billion in 2024, reflecting a compound annual growth rate (CAGR) of 6.2%. The market is expected to continue its upward trajectory, reaching \$2.06 billion by 2028, with a CAGR of 6.3%. This growth is driven by several factors including aging power infrastructure, increasing electricity demand, and advancements in technology.



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Rising Demand for Renewable Energy Fuels Market Expansion

The growing demand for renewable energy sources is a major factor propelling the paralleling switchgear market. Renewable energy, which includes sources such as sunlight, wind, and geothermal heat, is increasingly crucial due to environmental concerns and energy security goals.

Paralleling switchgear plays a vital role in integrating multiple power sources, such as solar arrays or wind turbines, into the grid efficiently. For example, in January 2024, the International Energy Agency reported that renewable electricity capacity additions reached an estimated 507 GW in 2023, marking a nearly 50% increase from 2022. This surge in renewable energy capacity underscores the importance of paralleling switchgear in ensuring effective power distribution and grid stability.

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Major Companies and Innovations in the Market

Key players in the paralleling switchgear market include Siemens AG, General Electric Company (GE), Caterpillar Inc., and Schneider Electric SE, among others. These companies are focusing on developing advanced power management solutions. For instance, ASCO Power Technologies, a unit of Schneider Electric, introduced ASCO CPMA devices in October 2021. These devices provide enhanced power management by logging power events, assessing equipment performance, and sending real-time notifications. Such innovations are crucial for improving the reliability and efficiency of power distribution systems.

Trends Shaping the Future of Paralleling Switchgear

Several trends are set to influence the paralleling switchgear market in the coming years. These include the adoption of digital substations, decentralized power generation, and energy efficiency optimization. The rise of energy-as-a-service models, the integration of AI and machine learning in grid management, and the growth of electric vehicle charging infrastructure are also significant. Additionally, there is a growing focus on resilience planning for extreme weather events and the use of blockchain in energy transactions.

Market Segmentation

The paralleling switchgear market is segmented as follows:

- By Type: Open Transition Systems, Closed Transition Systems, Soft Load Systems
- By Power Rating: Low Voltage (LV), Medium Voltage (MV), High Voltage (HV)
- By Application: Prime Power, Standby Power, Peak Shaving
- By End User: Commercial, Industrial

Regional Insights: Asia-Pacific Leading the Market

Asia-Pacific was the largest region in the paralleling switchgear market in 2023. The region is expected to continue its dominance, driven by rapid industrialization and urbanization. North America is anticipated to be the fastest-growing region due to advancements in smart grid technologies and increasing investments in renewable energy.

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Paralleling Switchgear Global Market Report 2024 from TBRC covers the following information:

- Market size data for the forecast period: Historical and Future
- Market analysis by region: Asia-Pacific, China, Western Europe, Eastern Europe, North America, USA, South America, Middle East and Africa.
- Market analysis by countries: Australia, Brazil, China, France, Germany, India, Indonesia, Japan, Russia, South Korea, UK, USA.

Trends, opportunities, strategies and so much more.

The Paralleling Switchgear Global Market Report 2024 by The Business Research Company is the

most comprehensive report that provides insights on <u>paralleling switchgear market size</u>, paralleling switchgear market drivers and trends, paralleling switchgear market major players, competitors' revenues, market positioning, and market growth across geographies. The paralleling switchgear market report helps you gain in-depth insights on opportunities and strategies. Companies can leverage the data in the report and tap into segments with the highest growth potential.

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The Business Research Company has published over 15000+ reports in 27 industries, spanning 60+ geographies. The reports draw on 1,500,000 datasets, extensive secondary research, and exclusive insights from interviews with industry leaders.

Global Market Model – Market Intelligence Database

The Global Market Model, The Business Research Company's flagship product, is a market intelligence platform covering various macroeconomic indicators and metrics across 60 geographies and 27 industries. The Global Market Model covers multi-layered datasets that help its users assess supply-demand gaps.

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