

Remote Power Panel Market by Type (Wall-mounted, Floor-standing), Application (Network Cabinets, Server Rooms, Data Centers (Cloud, Enterprise)) & Region (North America, Europe, Asia Pacific, South America, Middle East & Africa) - Global Forecast to 2028

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Abstracts

The global remote power panel market is estimated to grow from USD 1.1 Billion in 2023 to USD 1.4 Billion by 2028; it is expected to record a CAGR of 4.8% during the forecast period. Increasing electrification of the industrial processes leads to an increase in the energy demand which drives the remote power panel market.

“Enterprises: The largest segment of the remote power panel market, by data center application “

Based on data center applications, the remote power panel market has been split into two types: cloud, and enterprise. Enterprise data centers can provide better performance when compared to public cloud data centers, as organizations can dedicate resources exclusively to their own applications and services. This can help ensure that critical applications perform well. These features are increasing the demand for this segment.

“Floor-standing in Data centers segment is expected to emerge as fastest segment based on application”

By application for floor-standing, the remote power panel market has been cross segmented into data centers, network cabinets, server rooms. Remote power panels

can be integrated with power management software, which enables remote monitoring and control of power usage. These floor-standing panels increase durability and provide flexible installations in data centers.

“Wall-mounted is expected to emerge as fastest segment based on application”

By type, the remote power panel market has been segmented into wall-mounted, and floor-standing. Wall-mounted panels are compact and require minimal floor space. Additionally, wall-mounted panels are easy to install and can be mounted quickly and easily onto a wall or other vertical surfaces, saving time and money spent on installation. These features of the type of panels is driving the segment making it fastest segment.

Asia Pacific is expected to be the fastest-growing region in the remote power panel market

Asia Pacific is expected to be the fastest remote power panel market during the forecast period. these nations undergo rapid industrialization, there is a shift toward internet-based industrial operations across all sectors. As privatization of the industrial sector increases, investments in data centers are also surging in the region.

Breakdown of Primaries:

In-depth interviews have been conducted with various key industry participants, subject-matter experts, C-level executives of key market players, and industry consultants, among other experts, to obtain and verify critical qualitative and quantitative information, as well as to assess future market prospects. The distribution of primary interviews is as follows:

By Company Type: Tier 1- 35%, Tier 2- 45%, and Tier 3- 20%

By Designation: C-Level- 35%, Director Levels- 25%, and Others- 40%

By Region: North America- 27%, Asia Pacific- 33%, Europe- 20%, the Middle East & Africa- 12%, and South America- 8%

Note: Others include product engineers, product specialists, and engineering leads.

Note: The tiers of the companies are defined on the basis of their total revenues as of

2021. Tier 1: > USD 1 billion, Tier 2: From USD 500 million to USD 1 billion, and Tier 3: The remote power panel market is dominated by a few major players that have a wide regional presence. The leading players in the remote power panel market are Schneider Electric (France), ABB (Switzerland), Toshiba International Corporation (Japan), Vertiv Group Corp. (US), Socomec (France).

Research Coverage:

The report defines, describes, and forecasts the global remote power panel market, by component, power source, application, and region. It also offers a detailed qualitative and quantitative analysis of the market. The report provides a comprehensive review of the major market drivers, restraints, opportunities, and challenges. It also covers various important aspects of the market. These include an analysis of the competitive landscape, market dynamics, market estimates, in terms of value, and future trends in the remote power panel market.

Key Benefits of Buying the Report

Focus of tech giants on datacenter expansion, adoption of digital technologies in IT sector, and reduction in cooling costs with deployment of RPPs in data centers or server rooms. Factors such as reduced adoption of remote power panels due to technological advancements in power distribution systems. Huge investments, along with enforcement of stringent standards, to reduce carbon footprint in data centers. Entry barriers due to difficulty in complying with complex standards are major challenges faced by countries in this market.

Product Development/ Innovation: The trends such as intelligent power distribution units are being developed in the field of data centers, majorly for the power distribution side of the facility.

Market Development: The global scenario of remote power panels in data centers is evolving rapidly, with trends toward the increased use of intelligent power distribution units (PDUs) that can provide real-time monitoring and analytics capabilities. One major trend is the deployment of scalable modular data centers.

Market Diversification: Schneider Electric has launched Galaxy RPP products launched under this are highly configurable and modular. It also offers anytime, anywhere monitoring and service support via cellphone.

Competitive Assessment: In-depth assessment of market shares, growth strategies, and service offerings of leading players like Schneider Electric (France), ABB (Switzerland), Toshiba International Corporation (Japan), Vertiv Group Corp. (US), Socomec (France) among others in the remote power panel market.

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