

Global Offsite Data Center Power Infrastructure Market Size study, by Offering (Services, Solutions), by Vertical (BFSI, IT & Telecom, Media & Entertainment, Healthcare, Government & Defense, Retail, Manufacturing, Others) and Regional Forecasts 2022-2032

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Abstracts

Global Offsite Data Center Power Infrastructure Market is valued at approximately USD 11.39 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 17.6% over the forecast period 2024-2032. Offsite data center power infrastructure encompasses external electrical systems and facilities that support data centers situated away from primary operational sites. This infrastructure includes backup generators, uninterruptible power supplies (UPS), and dedicated power grids designed to ensure a continuous and reliable energy supply. Such infrastructures are essential for maintaining operations during power outages, managing peak loads, and ensuring data center reliability and resilience, which, in turn, support scalability, reduce downtime risks, and enhance overall data center performance.

The Global Offsite Data Center Power Infrastructure Market is driven by increasing demand for data processing, storage, and processing across industries is a significant catalyst. The rapid proliferation of digital transformation initiatives and data generation from cloud computing, IoT, and the rise of big data analytics further fuel market growth. Investments in offsite data centers ensure efficiency, scalability, and improved security. Additionally, the growing need for energy-efficient and sustainable electricity solutions is paramount, with governments and businesses prioritizing green energy technologies to reduce carbon footprints and operating costs while accommodating advanced power systems in data centers. Furthermore, advancements in technologies such as AI and ML have enabled more effective forecasting and operational maintenance within the

industry. As edge computing, requiring reliable and decentralized data processing, gains greater attention, sophisticated power systems become increasingly critical. However, lack of skilled workforce is going to impede the overall demand for the market during the forecast period 2024-2032.

The key regions considered for the market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. In 2023, Asia Pacific holds the third-largest market share within the global offsite data center power infrastructure market due to rapid digital transformation, growing adoption of cloud services, and the expansion of data-intensive industries such as e-commerce, finance, and telecommunications. There is a notable increase in investments in power infrastructure in countries such as China, India, and Japan, creating immense opportunities for market players. Additionally, governments in these countries emphasize digitalization and sustainable initiatives, creating a favorable environment for players in the offsite data center power infrastructure market.

Major market players included in this report are:

Vertiv

Huawei Digital Power Technologies Co., Ltd.

Comfort Systems USA

Johnson Controls

Yondr

Hubbell

Modubuild

Altron A.S.

InnovIT AG

ABB

Schneider Electric

Eaton

The detailed segments and sub-segment of the market are explained below:

By Offering

- Services
- Solutions

By Vertical

- BFSI
- IT & Telecom
- Media & Entertainment
- Healthcare
- Government & Defense
- Retail
- Manufacturing

- 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
- RoLA

Middle East & Africa

- Saudi Arabia
- South Africa
- RoMEA

Years considered for the study are as follows:

- Historical year – 2022
- Base year – 2023
- Forecast period – 2024 to 2032

Key Takeaways:

- Market Estimates & Forecast for 10 years from 2022 to 2032.
- Annualized revenues and regional level analysis for each market segment.
- Detailed analysis of geographical landscape with Country level analysis of major regions.
- Competitive landscape with information on major players in the market.
- Analysis of key business strategies and recommendations on future market approach.
- Analysis of competitive structure of the market.

- Demand side and supply side analysis of the market

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