

# Data Center Power Market Growing at 8.2% CAGR to Hit US\$ 20.73 Billion Forecast By 2034

*The expanding array of cloud-based services and the rising frequency of cyberattacks are driving the demand for data center power solutions*

NEW YORK CITY, NY, UNITED STATES, December 12, 2024 /EINPresswire.com/ -- The research report maps major countries in each region according to their revenue contribution to help businesses identify the top growth opportunities.



The banking, financial services, and insurance (BFSI) sector is increasingly adopting data center power systems to meet the growing computational requirements”

*Polaris Market Research*

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Data center power is the systems, processes, and infrastructure responsible for providing and managing power in a data center. It is essential for the availability and reliability of the IT equipment and services in a data center. Data centers typically get the power from the municipal electrical grid, but they may also have their own generators for emergencies or to supplement the power supply.

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Data centers use a variety of elements to deliver power from the source to the equipment. These include power panels, power distribution units (PDUs), uninterruptible power supply (UPS), and power whips. With the development of new data centers due to rapid economic expansion and increasing digitalization in emerging markets, the data center power market demand is projected to rise.

Market Size Value in 2024: USD 9.44 billion

- Market Size Value in 2024: USD 9.44 billion
- Market Size Value in 2025: USD 10.21 billion
- Revenue Forecast in 2034: USD 20.73 billion
- CAGR: 8.2% from 2025 to 2034
- Base Year: 2024
- Historical Data: 2020–2023
- Forecast Period: 2025–2034

Market Size Value in 2025: USD 10.21 billion

The leading market players are making substantial investments in research and development to expand their product lines. Also, they undertaking a variety of strategic activities to expand their global footprint. A few of the major data center power market players include:

- Black Box
- Eaton
- Equinix Inc.
- GDS Holdings
- Generac Power Systems, Inc.
- General Electric Company
- Huawei Technologies Co., Ltd.
- Legrand
- Rittal GmbH & Co. KG
- Schneider Electric
- Vertiv Group Corp.

Revenue Forecast in 2034: USD 20.73 billion

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CAGR: 8.2% from 2025 to 2034

Rapid Expansion of Digital Economy: The rapid expansion of the digital economy and rising digitalization has led to the establishment of new data centers. This surge, in turn, has fueled the need for power management solutions, impacting the data center power market favorably.



Data Center Power Market

**Rapid Increase in Data Traffic:** The rapid surge in data traffic, fueled by streaming services, e-commerce, and remote work, is fueling the expansion of data center infrastructure. This expansion necessitates robust power management systems, further supporting market development.

**Regulations and Standards:** The implementation of stringent regulations and standards concerning emissions, energy efficiency, and environmental impact have compelled data centers to incorporate advanced power management solutions. This factor is significantly contributing to the data center power market expansion.

Regional Market Outlook:

**North America:** North America accounted for the largest data center power market share in 2024. The regional market growth is primarily fueled by innovative advancements in power solutions, especially in smart grid solutions and energy-efficient technologies. Besides, the presence of major technology companies, such as Google and Microsoft, drives significant demand for advanced power solutions.

**Asia Pacific:** Asia Pacific is projected to register the highest CAGR from 2025 to 2034. The rapid digital transformation in the region is driving the need for resilient data center infrastructure, resulting in heightened demand for data center power solutions.

Market Research Report Link:

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Market Segmentation:

By Component Outlook

- Solutions
  - o Power Distribution
  - o Power Monitoring
  - o Power Backup
  - o Cabling Infrastructure
  
- Services
  - o Design and Consulting
  - o Support and Maintenance
  - o Integration and Deployment

By Data Center Size Outlook

- Small and Medium Sized
- Large Sized

By End Users Outlook

- Cloud Providers
- Enterprises
- Others

#### By Vertical Outlook

- Banking, Financial Services, And Insurance (BFSI)
- Energy & Utilities
- Government and Defense
- Telecommunication
- Healthcare
- IT & ITES
- Other Verticals

#### By Regional Outlook

- North America

- o US
- o Canada

- Europe

- o Germany
- o France
- o UK
- o Italy
- o Spain
- o Netherlands
- o Russia
- o Rest of Europe

- Asia Pacific

- o China
- o Japan
- o India
- o Malaysia
- o South Korea
- o Indonesia
- o Australia
- o Vietnam
- o Rest of Asia Pacific

- Middle East & Africa

- o Saudi Arabia
- o UAE
- o Israel

- o South Africa
- o Rest of the Middle East & Africa

- Latin America
  - o Mexico
  - o Brazil
  - o Argentina
  - o Rest of Latin America

Open Radio Access Network (Open RAN) Market:

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Threat Hunting Market:

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Wireless Gigabit Market :

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Blockchain Security Market:

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Warehouse Management System Market:

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