



Market Price of 25kW Power Distribution and Energy Storage Cabinet for Data Centers





Overview

Segments - by Type (Basic, Metered, Monitored, Switched), Application (Data Centers, Telecommunications, Commercial Buildings, Industrial Facilities, and Others), End-User (IT and Telecommunications, BFSI, Healthcare, Government, and Others), and Region (Asia Pacific, North).

Segments - by Type (Basic, Metered, Monitored, Switched), Application (Data Centers, Telecommunications, Commercial Buildings, Industrial Facilities, and Others), End-User (IT and Telecommunications, BFSI, Healthcare, Government, and Others), and Region (Asia Pacific, North).

Data Center Power Market (By Component: Uninterruptible Power Supply (UPS), Power Distribution Units (PDU), Generators, Transfer Switches and Switchgear, Busway, Others (cabling, energy storage, etc.); By Power Source: Utility Power, Renewable Energy (solar, wind, fuel cells), Energy Storage.

Segments - by Type (Basic, Metered, Monitored, Switched), Application (Data Centers, Telecommunications, Commercial Buildings, Industrial Facilities, and Others), End-User (IT and Telecommunications, BFSI, Healthcare, Government, and Others), and Region (Asia Pacific, North America, Latin America).

Source: Secondary Research, Interview with Experts, MarketsandMarkets Analysis
The global data center power market is expected to grow substantially, projected to rise from USD 35.14 billion in 2025 to USD 50.51 billion by 2030, reflecting a CAGR of 7.5%. Data center power systems ensure reliable.

The Data Center Power Market is Segmented by Component (Electrical Solutions and Services), Data Center Type (Hyperscaler/Cloud Service Providers, Colocation Providers, and More), Data Center Size (Small Size Data Centers, Medium Size Data Centers, Large Size Data Centers and More), Tier Type (Tier.

Data Center Rack Power Distribution Unit Market was valued at USD 2 billion in 2023 and is estimated to register a CAGR of over 8% between 2024 & 2032, driven by the prominence of product showcases at premier events hosted by industry leaders. These events serve as platforms for leading companies.

Colocation Segment to Surpass USD 11 Billion by 2034 Amid Rising Energy Costs



and High-Density IT Infrastructure. Data Center Operators Invest in Liquid and AI-Powered Cooling to Manage Energy Use and Environmental Impact. Dublin, April 15, 2025 (GLOBE NEWSWIRE) -- The "Data Center Power Market. How much is data center rack power distribution unit market worth?

Data Center Rack Power Distribution Unit Market was valued at USD 2 billion in 2023 and is estimated to register a CAGR of over 8% between 2024 & 2032, driven by the prominence of product showcases at premier events hosted by industry leaders.

How big is the data center power market in 2025?

The data center power market stands at USD 24.56 billion in 2025 with expectations to reach USD 34.86 billion by 2030. Which component segment is growing the fastest?

Power distribution units are expanding at a 7.5% CAGR as operators adopt intelligent, grid-interactive monitoring. Why are hyperscale operators important to market growth?

Which region dominates the data center rack power distribution unit market?

North America dominated the global data center rack power distribution unit market with a share of over 36% in 2023. With a robust digital infrastructure and a large concentration of data centers, the region prioritizes reliable power distribution solutions.

What is the data center power market?

The Data Center Power Market is Segmented by Component (Electrical Solutions and Services), Data Center Type (Hyperscaler/Cloud Service Providers, Colocation Providers, and More), Data Center Size (Small Size Data Centers, Medium Size Data Centers, Large Size Data Centers and More), Tier Type (Tier I and II, Tier III, Tier IV) and by Geography.



Market Price of 25kW Power Distribution and Energy Storage Cabinet



[Data Center Rack Power Distribution Unit Market Report](#)

Data Center Rack Power Distribution Unit Market was valued at USD 2 billion in 2023 and is estimated to register a CAGR of over 8% between 2024 & 2032, driven by the prominence of ...

[Data Center Energy Storage Market Analysis . Technavio](#)

Explore the Data Center Energy Storage Market with our comprehensive report analyzing key trends, technologies, competitive landscape, and growth opportunities.



[Data Center Rack Power Distribution Unit Market](#)

The Data Center Rack Power Distribution Unit industry is projected to grow from 2.009 in 2025 to 5.119 by 2035, exhibiting a compound annual growth rate (CAGR) of 9.8 during the forecast ...



[ABB Power Distribution for Data Centers . Data Centers](#)

Energy and insight for the data centers of tomorrow. Reliable power is the foundation of your data center. Partner with ABB to power your data center operations 24/7 with solutions that are ...



[Evaluating Data Center Cabinet Power Density \(Part 1\)](#)

In part one of this two-part blog series, we cover data center density, and high-density vs low-density.



[Data Center Power Market Size, Share, Industry Report, 2030](#)

The global data center power market size was estimated at USD 20.21 billion in 2024 and is projected to reach USD 42.35 billion by 2030, growing at a CAGR of 13.2% from 2025 to 2030, ...



[Data Center Rack Power Distribution Unit Market ...](#)

Data Center Rack Power Distribution Unit Market was valued at USD 2 billion in 2023 and is estimated to register a CAGR of over 8% between 2024 & ...



[Data Center Power Market Size to Hit USD 70.21 ...](#)



The global data center power market size is evaluated at USD 22.93 billion in 2025 and is predicted to hit around USD 70.21 billion by ...



[Data Center Energy Storage Market Size , CAGR of 8%](#)

Data center energy storage refers to the systems and solutions used to store energy for use in data centers, which are critical facilities that host computer systems and associated ...



[Power Distribution Units for Data Centers and ...](#)

The optional web-enabled, real-time monitoring can provide for power quality status and fast response to power-related events. Three-phase power ...



[Evaluating Data Center Cabinet Power Density ...](#)

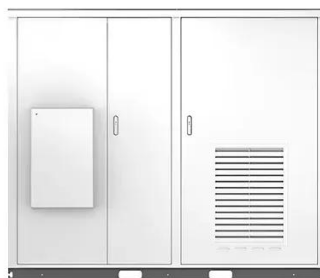
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[Data Center Rack Power Distribution Unit Market](#)



The Data Center Rack Power Distribution Unit industry is projected to grow from 2.009 in 2025 to 5.119 by 2035, exhibiting a compound annual ...

solar



Data Center Power Market

The Data Center Power Market is expected to reach USD 26 billion in 2025 and grow at a CAGR of 6.87% to reach USD 36.25 billion by 2030. Schneider Electric SE, Vertiv ...

Cabinet Power Distribution Units (PDUs) for Data ...

Overall, cabinet PDUs provide a highly efficient and space-saving power distribution solution for server cabinets and enclosures in data centers, ...



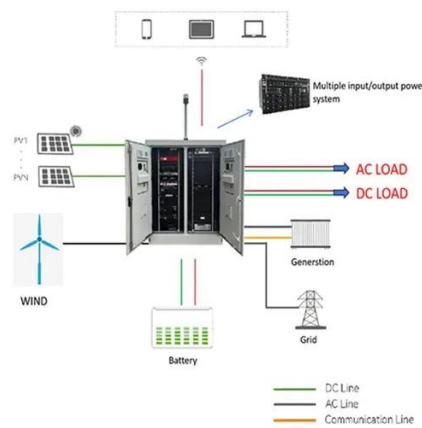
North America Data Center Trends H1 2025 , CBRE

Data center demand in North America outstrips supply, driving record-low vacancy rates and price increases.

Data Center Power Design: The Electrifying Guide [2025]



Unlock the secrets of efficient data center power design in our electrifying 2024 guide. ENCOR is a leading data center advisor and broker.



Data center

Data centers are the foundation of the digital infrastructure that powers the modern economy, aggregating collective computing demands for cloud ...

Products

Data center UPS systems are a form of power protection. It ensures that the data network, such as servers and equipment, operates seamlessly ...



[Addressing Rising Power Densities in the Data Center Starts ...](#)

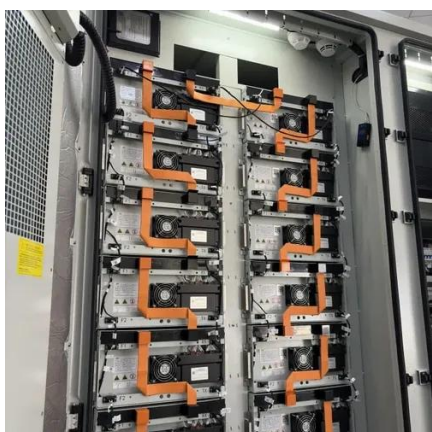
Cabinet systems that use a modular, holistic approach to integrating thermal and power management facilitate cost-effective scalability for data centers to support increasing rack ...



Data center



Data centers are the foundation of the digital infrastructure that powers the modern economy, aggregating collective computing demands for cloud services, video streaming, blockchain and ...



Data Center Power Market

UPS, PDUs, and energy storage systems drive the data center power market by ensuring reliable, continuous, and scalable power for uninterrupted operations.

2025 Data Center Power Report

Bloom Energy, a leader in power solutions, explains in this 2025 Data Center Power Report how data center leaders are shifting paradigms and adopting innovative solutions to meet their ...



Data Center Rack Power Costs: A Condensed ...

Analyze the rising Data Center Rack Power Costs driven by AI. This article breaks down consumption, PUE's role, and provides cost ...

Power Distribution Unit



For power distribution requirements of medium to large data centers, Delta's Power Distribution Unit (PDU) is an optimal solution. The space-saving ...



[Data Center Rack Power Distribution Unit Market Research ...](#)

Switched PDUs represent the most advanced category, offering not only monitoring but also remote switching capabilities. This enables administrators to remotely power cycle individual ...

[Power Distribution in Data Centers](#)

Traditional Power Solutions: Too Much or Too Little
Traditional data center power distribution designs consist of power distribution units (PDUs) delivering power to remote power panels ...



[Data Center Power Market Size, Trends, Global Industry Analysis ...](#)

The Data Center Power Market is expected to reach USD 26 billion in 2025 and grow at a CAGR of 6.87% to reach USD 36.25 billion by 2030. Schneider Electric SE, Vertiv ...



[Data Center Energy Storage Industry Insights Report](#)



Artificial intelligence (AI) will significantly impact power requirements and energy storage technology at data centers by increasing power consumption due to the intensive ...



[Cabinet Power Distribution Market Report , Global Forecast From ...](#)

A pivotal growth factor in the cabinet power distribution market is the rapid expansion of data centers globally. With data centers being the backbone of the digital economy, there is an ...





Contact Us

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