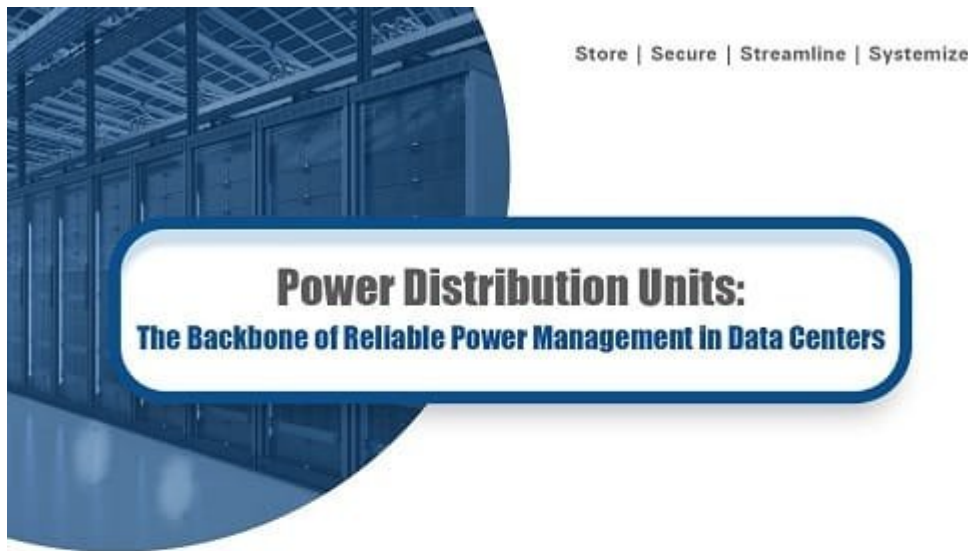


Netrack's Power Distribution Units: The Backbone of Reliable Power Management in Data Centers

Category: Business


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The digital world depends upon data centers and the data centers and server rooms need continuous supply of power to function efficiently. This is where the [Power Distribution Unit \(PDU\)](#) comes into picture serving as the backbone of reliable power management. PDUs ensure that servers, networking devices, and other vital equipment receive uninterrupted and safe power supply.




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Netracks Power Distribution Units: The Backbone of Reliable Power Management in Data Centers

Netrack, a leading name in data center solutions, emphasizes the indispensable role of PDUs in maintaining the operational integrity of server rooms. Server rooms being highly complex environments need uninterrupted flow of power. In fact, even a brief power disruption can result in massive data loss, system failure, and costly downtime. Hence, PDUs act as a centralized hub, efficiently distributing power across all connected devices.

Beyond just supplying electricity, PDUs are engineered to distribute power evenly. Uneven load distribution can lead to dangerous surges, overheating, or even electrical fires. Netrack's normal PDUs are designed for diverse industrial applications, offering protection through MCBs and fuses. Available with open input or Indian/IEC plugs, they support

both horizontal and vertical mounting. Power capacities range from 3.6 kWh to 44 kWh. For added utility, local metering options are available, enhancing monitoring and operational efficiency in critical power environments. Netrack's advanced PDUs protect mission-critical equipment by ensuring a balanced and stable power flow, safeguarding the infrastructure from such risks.

The best part is that every [power distribution unit](#) from Netrack meets essential industry certifications such as UL, RoHS, CB, CE, and LVD. These certifications signify compliance with international quality and safety standards, assuring clients of the reliability and efficiency of Netrack's power management solutions. Each product undergoes rigorous testing to deliver consistent performance in high-stakes environments. Moreover, Netrack's PDUs are embedded with advanced protection features such as overload detection, automatic circuit breaking, surge protection, and proper grounding mechanisms. These features prevent hardware failures and mitigate risks such as electrical shock or fire.

With sustainability becoming a key focus for IT infrastructure, Netrack's PDUs support energy-efficient operations. They provide metering capabilities to monitor and analyze power usage per device, identifying inefficiencies and optimizing energy consumption. This not only lowers operating costs but also helps organizations meet their environmental goals. Hence, a reliable PDU is the backbone of a data center because it not only enhances reliability but also reduces operational complexities.

