



Portable Data Center Rack Technical Specifications

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Are data center rack enclosures a commodity product?

At one time, data center rack enclosures and related equipment were considered commodity products -simply a platform to stack equipment, with more enclosures purchased as servers and rackmount equipment were added to the IT inventory.

How much power does a data center rack have?

While power density per rack averaged 6 kW in 2006, it climbed to about 8 kW by 2012, and is expected to approach 12 kW per rack by 2014, according to data collected by the Data Center Users Group, sponsored by Vertiv™. The need now exists for taller, wider and deeper racks to accommodate the changes in IT equipment and densities.

What size rack should a data center have?

Taller racks, beyond the common 47U (2200 mm) are also becoming more popular as data centers with room to expand vertically take advantage of headroom. The depth of rack-mounted equipment is also increasing. For example, the greatest server depth requirements in the past resulted in a rack depth of 1200 mm.

What technical specifications are available for each rack & enclosure category?

We provide detailed technical specifications for each rack and enclosure category to help you make informed decisions. Downloadable PDFs are available for the following: Server Racks Specifications: Detailed performance metrics, weight capacities, and cooling options for open frame, enclosed, and seismic racks.

Eaton REC Series IT Rack 42U & 47U Eaton's REC Series IT racks deliver essential storage and protection for critical IT equipment in small, medium and large data center applications.

This SmartRack™ Modular Data Center is composed of IT rack and cooling enclosures that form a performance optimized data center (POD). This solution reduces deployment time, lowers cost and ...

Our purpose-engineered modules and components deliver scalable, long-term, and sustainable data center capacity anywhere compute is needed. As we've been building these solutions for decades, ...

Sustain critical operations that simply can't go down with best-in-class uninterruptible power supplies (UPS)



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and power distribution units (PDU) that keep data center infrastructure up and running.

These racks are easy to choose, install and accessorize with APC accessories and are available in a variety of sizes that allows this series scalability for IT deployments from network closets to data ...

Each rack is independently Zone 4 certified to hold up to 2,000 lbs. and 1,250 lbs. of network equipment. Battery shelves are also compatible, making the rack ideal for core equipment or as a heavy-duty ...

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Rack systems are strategic assets that play a key role in system uptime and data center availability and reliability. They can be counted on to be flexible and adaptive to accommodate rapid change.

PRIMECENTER M2 19-inch Racks table platform for rack configurations. Accurate fitting is ensured via the various rails for PRIMERGY servers, storage systems and s

Designed to allow IT equipment to be pre-installed by the customer, partner or integrator before shipment, it features complete data center physical infrastructure and management software in a ...

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