How do I provide 10kW in a rack with only single-phase power available?
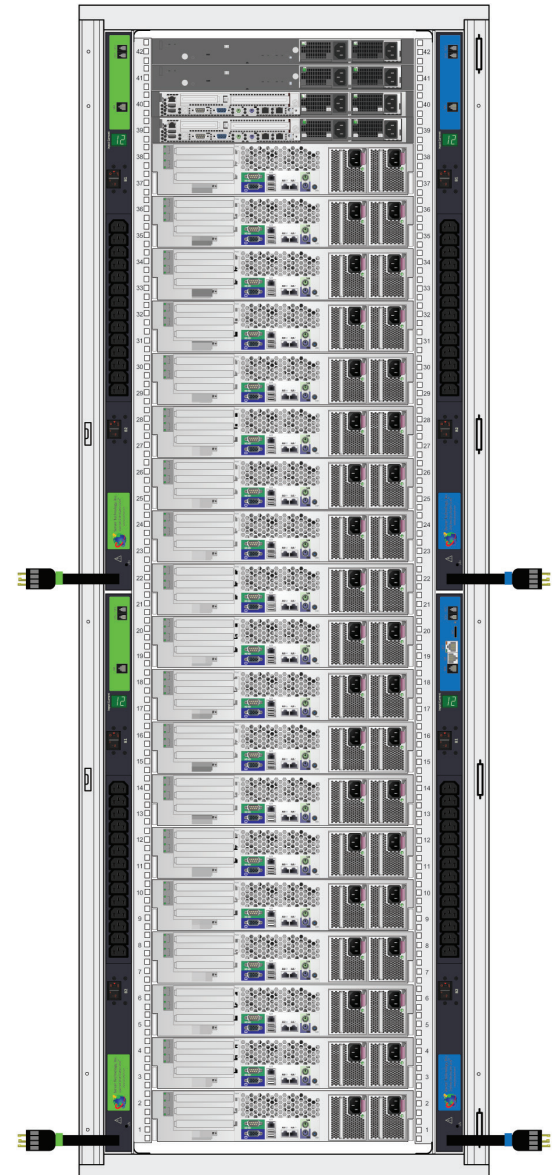
Learn how to get the most out of your 0U cabinet space using HDOT® Smart PDUs.

Typical Application

I need to provide for redundant 10kW power to my cabinets, but I only have single-phase power available. What can be done in the vertical 0U space and still leave room for cable management?

Our Solution

This HDOT® PDU is specified with (14) C13 outlets. At 37.25" height, two can be stacked in common 45RU cabinets or mounted to 42RU open racks. At 1.75" width, these can fit into the dead space outside the rails of many cabinet designs, thus leaving extra room for cable management. Because this PDU uses the PRO architecture, three "Link" PDUs can be connected to the "Master" PDU without the risks of a daisy-chain configuration.

Pictured right is a C1S14CS-2CBA150 Master PDU, with three C1L14CS-2CBA150 Link PDUs. KIT-PRO2LINK-01D used to provide connection from Links to Master. Choose from six highlight colors and a variety of outlet combinations.

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High Density Outlet Technology

HDOT®

HDOT Smart PDUs Maximize Density

Server Technology's High-Density Outlet Technology (HDOT) PDUs meet the needs of a wide range of data center equipment cabinets. High power densities and reduced cabinet space require new and innovative products like Server Technology's own patented outlet technology that provides industry standard C13 and C19 outlets in a drastically reduced footprint. Additional features include high native cord retention that eliminates the need for custom and costly ancillary locking cord devices. Manufactured with robust high temperature materials carrying a UL94 V-0 flame rating makes these outlets ideally suited for harsh data center environments.

Key HDOT Benefits

- Industry standard C13 and C19 with minimized footprint

- Maximum possible outlet density in an Intelligent PDU

- High native cord retention, reducing the need for additional locking devices

- Color-coded alternating-phase outputs for easy cabling

- Operation to 60°C (140°F) ambient

- Thousands of variations available using our online Build-Your-Own Smart PDU Tool

Key Smart PDU Benefits

- PIPS® (Per Inlet Power Sensing) high-accuracy measurements of current, voltage, power, and other key power metrics

- Environmental measurements through plug-and-play probes

- SNMP traps and email alerts

- Master-Expansion linking allows single-IP access to the cabinet pair of PDUs

About Server Technology®

Server Technology, a brand of Legrand, is leading the engineering and manufacturing of customer-driven, innovative and exceptionally reliable power, access and control solutions for monitoring and managing critical IT assets for continual availability.

Server Technology's power strategy experts are trusted to provide Rack PDU solutions for data centers worldwide ranging from small technology startups to Fortune 100 powerhouses. Because power is all we do, Server Technology can be found in the best cloud and colocation providers, forward thinking labs, and telecommunications operations.

Server Technology customers consistently rank us as providing the highest quality PDUs, the best customer support, and most valuable innovation. We have over 12,000 PDU configurations to fit every data center need and most of our PDUs are shipped within 10 days.

Rack PDU Buying Guide
Find the best PDU for your data center
servertech.com/rack-pdu-buying-guide

Rack PDU Selector
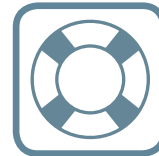**Over 2000 standard configurations**
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