How do I power 6 UCS chassis and provide flexibility for 1U & 2U devices?

HDOT

Learn how to maximize your cabinet density with the HDOT® Smart PDU featuring Server Technology's innovative C13 and C19 outlet design.
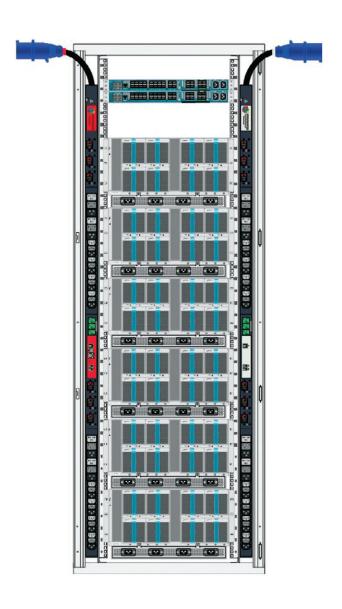
Typical Application

I have narrow 24" wide cabinets fully loaded with (6) Cisco UCS chassis and (2) fabric interconnects. The chassis draw a maximum of 2700W each from redundant power sources. I need PDUs that occupy the minimum amount of space. I also would like a flexible outlet configuration allowing for a variety of other equipment installations.

Our Solution

The HDOT™ PDU is specified with (12) C19 and (24) C13 alternating-phase outlets using Server Technology's Build-Your-Own PDU configuration tool. The PDUs are configured with red and white color identification, all without increasing price or delivery time – also available in blue/green. These PDUs, having the highest outlet density available in a 1.75"(W) x 3.0"(D) x 70"(H) unit, allow for numerous IT equipment configurations.

Pictured right is a CS36CA-DQMA2766 Master PDU, with red color coding, and a CL36CA-DQ-MA2766 Link PDU, with white color coding, using 208V/60A IEC60309 inputs. Other power input options available.

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Server Technology®

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HDOT Smart PDUs Maximize Density in 42U Cabinets

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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Build an HDOT or HDOT Cx PDU in 4 easy steps
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1-800-835-1515
sales@servertech.com
www.servertech.com

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