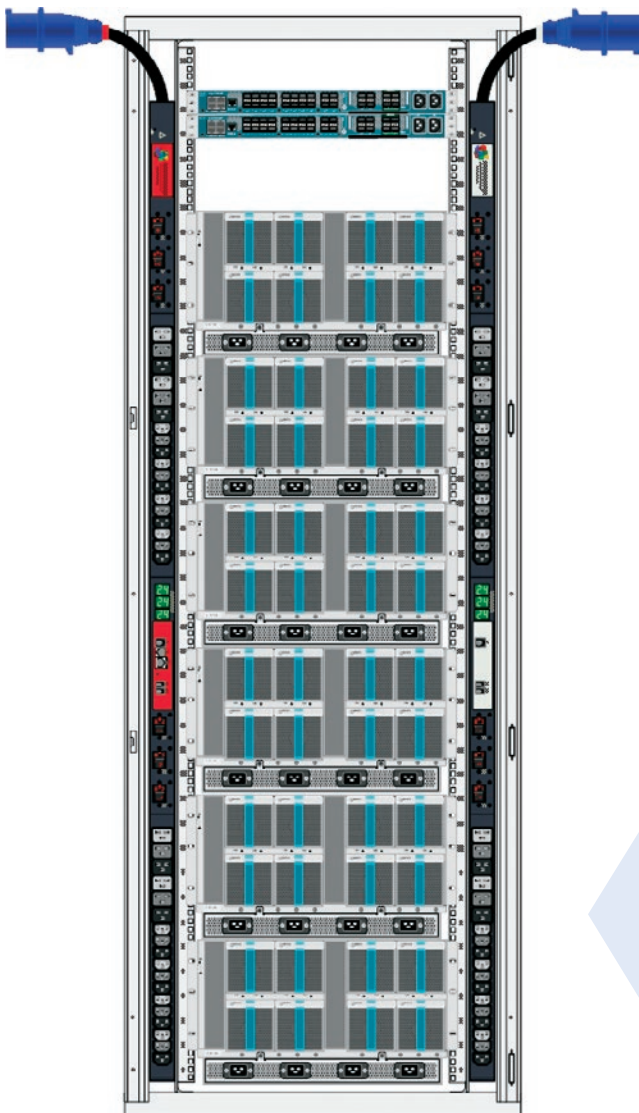


How do I power 6 UCS chassis while still providing flexibility for 1U & 2U devices?

APPLICATION NOTE HDOT-002 | June 2014

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



High Density Outlet Technology

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

Interested in learning more about or building your own custom HDOT PDU? Visit us online at:
www.servertech.com/products/build-your-own-pdu



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Get Ahead

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