

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

APPLICATION NOTE HDOT Cx-002

July 2018

Learn how to maximize your cabinet density with the HDOT® Cx Smart PDU featuring Server Technology's innovative Cx outlet design.

Typical Application

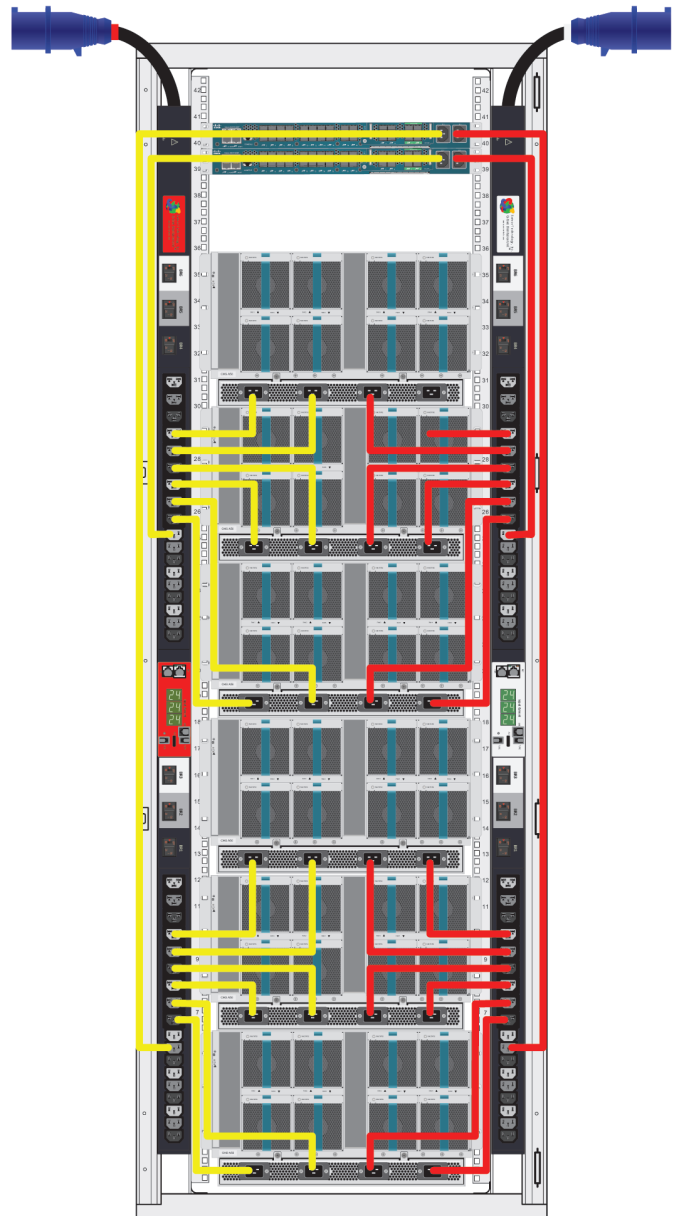
I have narrow 24" wide cabinets fully loaded with (6) Cisco UCS chassis and (2) fabric interconnects. The chassis draw a maximum of 2700W each from redundant power sources. I need PDUs that occupy the minimum amount of space. I also would like a flexible outlet configuration allowing for a variety of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

Our Solution

This HDOT® Cx PDU is specified with (18) C13 and (18) Cx 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 2.2"(W) x 3.0"(D) x 70"(H) unit, allow for numerous IT equipment configurations.



Pictured right is a C2S36TE-DQME2M99 Master PDU, with red color coding, and a C2L36TE-DQME2M99 Link PDU, with white color coding, using 208V/60A IEC60309 inputs. Other power input options available.



About High Density Outlet Technology



HDOT® Cx Smart PDUs Maximize Density

Overview

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 2-in-one Cx outlet for C14 and C20 cables 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® Cx Benefits

- 2-in-one Cx outlet for C14 and C20 cables
- 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
- Certified for at least 60°C (140°F)

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 full of PDUs

Build Your HDOT® Cx PDU in Four Easy Steps at byopdu.servertech.com

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