

How do I specify a single cabinet PDU for use with a variety of equipment deployments?



APPLICATION NOTE HDOT Cx-003

July 2018

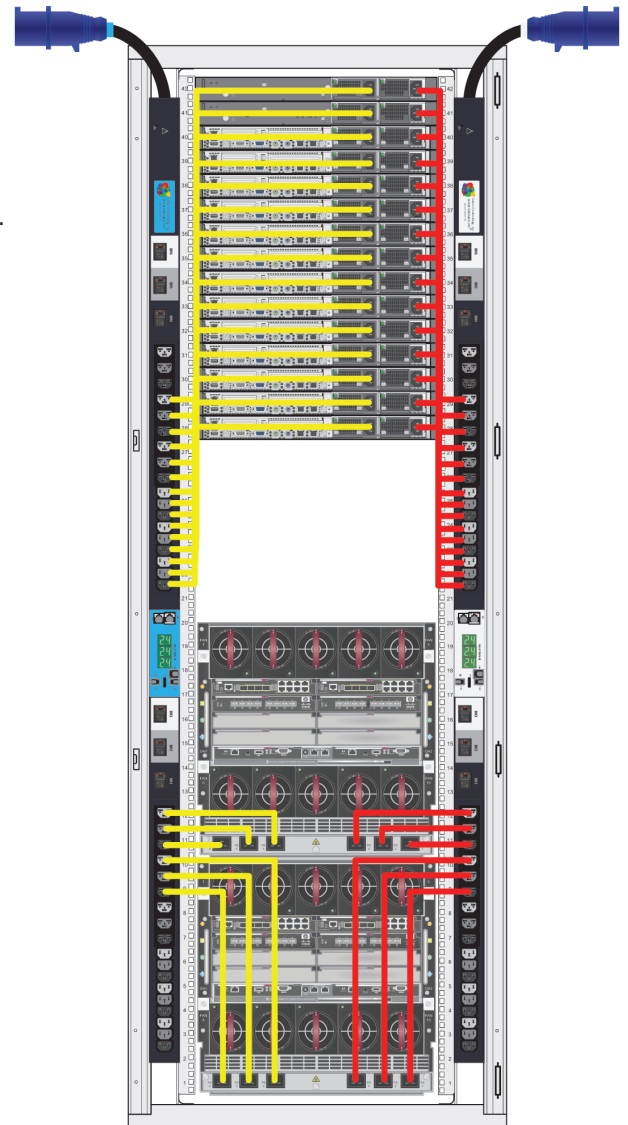
Learn how to design flexibility into your high-density cabinets with the HDOT® Cx Smart PDU featuring Server Technology's innovative Cx outlet design.

Typical Application

I have narrow 24" wide cabinets in which I deploy a variety of devices, from 1U switches and servers to 10U blade chassis and beyond. These cabinets may draw as much as 17kW and may be needed in North America & Europe on very short notice.

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**. These PDUs allow for high-density flexible deployment specified to meet your needs around the world. Additionally, the alternating-phase outlets allow for minimized cabling and easier phase balancing. Finally, add color identification without an increase in price or delivery time.



Pictured right is a C2S36TE-4PAE2M99 Master PDU, with blue color coding, and a C2L36TE-4PAE2M99 Link PDU, with white color coding, using 230/400V 32A IEC60309 inputs. Other power input options available.

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High Density Outlet Technology



HDOT® Cx 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 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

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

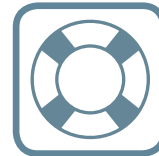
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Build Your Own PDU

Build an HDOT or HDOT Cx PDU in 4 easy steps

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Speak to a Power Expert

Get free technical support

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How to Buy

Tools to simplify the PDU buying process

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