

# 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.

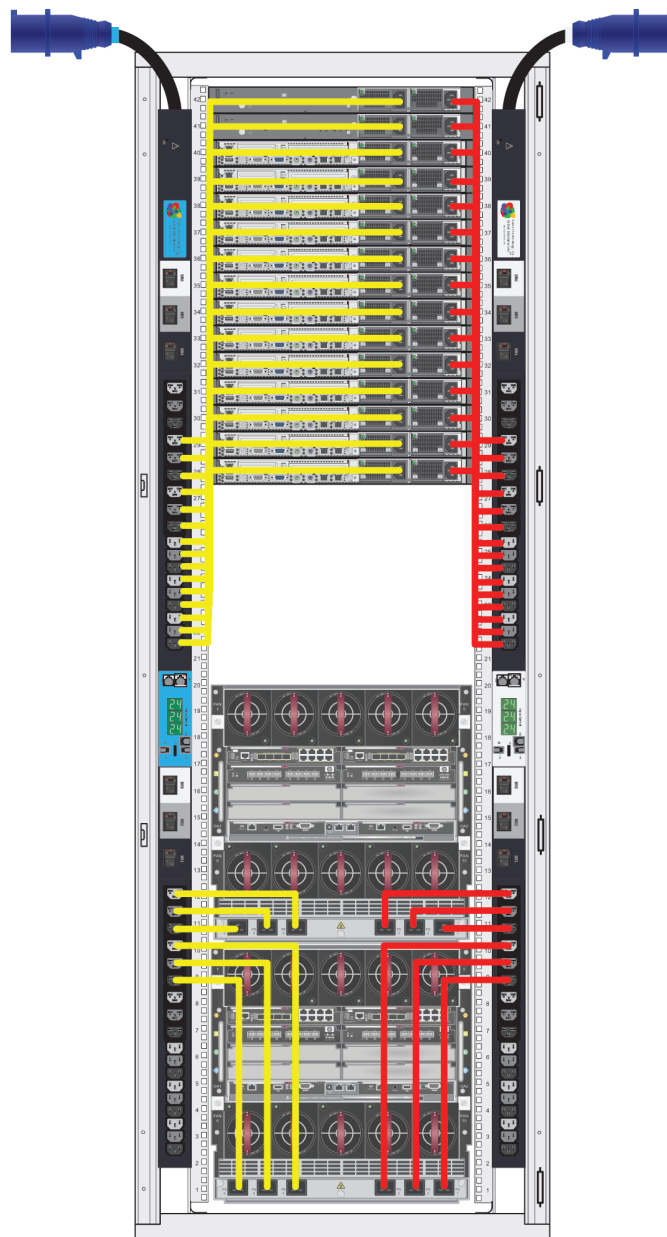
### Our Solution

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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# 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](http://byopdu.servertech.com)

### North America Headquarters

1040 Sandhill Road  
Reno, Nevada 89521  
1-775-284-2000 Tel  
1-800-835-1515 Toll Free  
1-775-284-2065 Fax  
[sales@servertech.com](mailto:sales@servertech.com)  
[www.servertech.com](http://www.servertech.com)

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