

# How do I get the most out of my rack PDU?

APPLICATION NOTE PRO2-004 | November 2016



Learn how the HDOT® Alt-Phase PRO2™ Switched POPS® PDU provides for all your current and future data center rack needs.

## TYPICAL APPLICATION

I am an experienced data center manager. Because I have been burned before by prioritizing short-term savings over long-term functionality, I'm looking for a rack PDU that can provide both an immediate value and long-term peace of mind. What style of rack PDU will provide the best overall value?

## OUR SOLUTION

The Server Technology HDOT Alt-Phase PRO2 Switched POPS PDU provides immediate ROI. Get the right outlet on the right phase in the right place for faster deployment, easier phase balancing, shorter cables, and increased air flow. Get higher native outlet retention, higher ambient temperature tolerance, and higher outlet density for long-term performance. Get outlet-level control, with over-ride, to provide reboot, lock-out, and load shedding capability. Get +/- 1% billable-grade accuracy for energy usage of your typical data center equipment, and get alerts on high current, high/low voltage, and low power factor to keep tabs on your most critical assets. Add Sentry Power Manager (SPM) to trend this data over the operational life of your racked equipment.



# Stay informed with PRO2.

## DESIGNED WITH HIGH-AVAILABILITY DATA ACCESS IN MIND.

The PRO2 series hot-swappable network card is designed to provide measurement and alert data from the "Master" PDU and up to (3) "Link" PDUs even if power to the master fails. Additionally, as seen in the image below, the link units are wired in a star formation so that failure of any link does not affect communication to the others.



### KEY PRO2 BENEFITS:

- Hot-swappable, redundantly-powered network card (from link PDU)
- Star architecture multi-linking compared to competition's daisy chain design with single point of failure
- Branch current measurements and multi-level alerts
- Shallower enclosure compared to previous generation PDU
- More alarms and configuration options compared to previous generation PDU

### KEY HDOT ALT-PHASE PDU 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 and load balancing
- Operation to 60 °C (140 °F) ambient
- [Thousands of variations available using our online Build-Your-Own PDU Tool.](#)

Interested in learning more about how Server Technology can help you manage and distribute power in your datacenter? Visit us online at: [www.servertech.com/products/](http://www.servertech.com/products/)

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