How do I get performance metrics from non-intelligent power supplies?

HDOT®
PRO2

Learn how the HDOT® Alt-Phase PRO2™ Smart POPS® PDU provides high accuracy outlet power measurements.

Typical Application

As the manager of a data center for high-frequency trading, I am ultimately concerned with uptime and equipment performance. What style of rack PDU will provide measurements that give me the ability to meet my SLAs?

Our Solution

The Server Technology HDOT Alt-phase PRO2 Smart POPS PDU provides critical per-outlet measurements and alerts for keeping performance on track, without the ability to accidentally switch off outlet power. 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 PowerIQ by Sunbird to trend this data over the operational life of your racked equipment in order to maintain and share visibility of all critical SLA data points.

Server Technology	Sentry Smart CDU *POPS+PIPS* — Location: / IP Address : 66.214.208.174 — User : ADMN / Access : Admin
System	Power Monitoring – Outlets – Details
Power Monitoring	**Outlets**
Outlets	Outlet details
Input Feeds	Refresh
System	Outlet ID: **A1**
UPS	Outlet Name: **TowerA_Outlet1**
Environmental Monitoring	Outlet Status: **On**
Configuration	Load Status: **Normal**
Tools	Capacity (Amps): **20**
	Load (Amps): **1.41**
	Voltage (Volts): **200.8**
	Active Power (Watts): **279**
	Apparent Power (VA): **279**
	Crest Factor: **1.6**
	Power Factor: **0.25**
	Energy (Watt-Hours): **4906841**
	Refresh

stay powered. be supported. get ahead.

Server Technology

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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 three 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 aect 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 conguration 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

Link PDU   Master PDU   Link PDU   Link PDU

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
servertech.com/product-selector

Build Your Own PDU
Build an HDOT or HDOT Cx PDU in 4 easy steps
byopdu.servertech.com

Speak to a Power Expert
Get free technical support
servertech.com/support

How to Buy
Tools to simplify the PDU buying process
servertech.com/how-to-buy

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