

Sentry : Cabinet Power Distribution Unit (CDU) Green IT

Intelligent Power Distribution Solutions for the Data Center Equipment Cabinet

If you manage a datacenter, we have a solution for you.



Flexible Mounting Options

Zero-U button or bracket mounting for mounting vertical CDU's in the back or on the side of the cabinet to avoid consuming valuable "U" space.



Branch Circuit Protection*

All Sentry CDU's meet the UL 60950-1 requirement for branch circuit protection and use either fuses or circuit breakers to protect each branch of outlets.



Input Current Monitoring

The CDU's exclusive True RMS Current Monitoring is critical to preventing overloads in high-density computing environments. Digital LED displays on the CDU enclosure report the input current of each phase or branch circuit.



Environmental Monitoring

External probes, with 3-meter cable, capable of measuring temperature & humidity. Receive SNMP-based or email alert notifications when conditions exceed defined thresholds.



Expansion Module

Our exclusive method for linking additional outlets, on separate CDU's, together under a single IP address, and provides support for A & B power in-feeds.



IP Access, Security & Communications

Web interface, SSL, SSH, Telnet, SNMP and RS-232 access, 10/100 Base T-Ethernet, SSLv3/TLSv1, SNMPv2, TACACS+, LDAP, LDAPS, RADIUS, DHCP, SMTP/Email, and Syslog.



Individual Outlet Control

Control individual outlets or groups of outlets with ON, OFF, and Reboot functionality to remotely reboot unresponsive servers and network equipment.



POPS™ (Per Outlet Power Sensing)

Monitor Current Load (A), Voltage (V), Power (W), Apparent Power (VA), Crest Factor and Power Factor per outlet.



Cable Retention Clip

Ensures power cords to the connected devices are not accidentally unplugged or disconnected.



Smart CDU

The Smart Cabinet Distribution Unit (CDU) provides reliable power distribution combined with local and networked power monitoring and environmental monitoring via IP. Use the network interface to view power, temperature, and humidity levels via Web browser, or receive SNMP-based alarms and email alerts when conditions exceed defined thresholds.



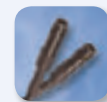
Button Mounting



Branch Circuit Protection



Input Current Monitoring



Environmental Monitoring



Expansion Module



Access, Security & Communications



Cable Retention Clip

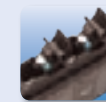


Switched® CDU

The Switched Cabinet Distribution Units (CDU) family combines networked configuration and management with power distribution, power and environmental monitoring. Reboot a single or dual-power server with one command and receive SNMP or email based alerts when power or environmental conditions exceed thresholds. Assign users specific access rights to designated outlets or groups.



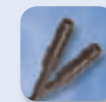
Button Mounting



Branch Circuit Protection



Input Current Monitoring



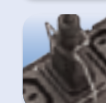
Environmental Monitoring



Expansion Module



Access, Security & Communications



Cable Retention Clip

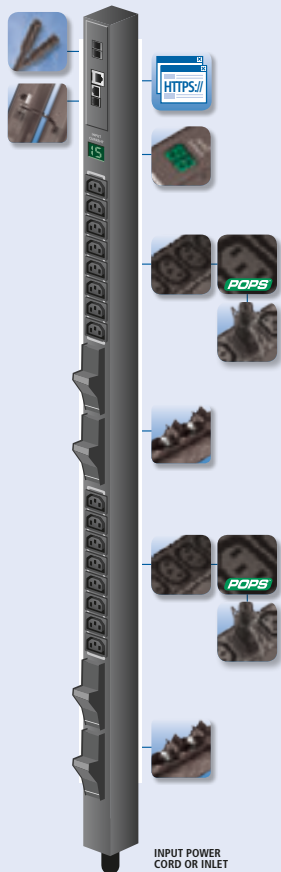
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Intelligent Power Distribution Solutions for the Data Center Equipment Cabinet



Sentry : POPS Switched® CDU **POPS**

Cabinet Power Distribution Unit with Per Outlet Power Sensing
Sentry POPS (Per Outlet Power Sensing) combines all the features and functions of a Switched CDU with the ability to provide power monitoring per an individual outlet/device. Power information per individual outlet/device includes current, voltage, power (kW), apparent power, crest factor, and power factor. Using our grouping technology, power information is available per device, groups of devices (application), individual CDU, or cabinet.



Sentry Power Manager

Manage Multiple CDU's Across Multiple Locations

Do you have multiple Sentry™ CDU's in one or more locations that you would like to access from one central point? Would you like one central location where all alarms can be viewed and logged for reporting, e-mail, or SNMP trap notifications? No problem! Our Sentry Power Manager (SPM) product is capable of monitoring and managing multiple Sentry devices in IP-based enterprise networks. SPM provides a global view of all Sentry CDU's with the ability to view devices based on their temperature, humidity, current, and device status. Besides managing and monitoring all alarm conditions, this information can also be used to provide reporting and trending information for display within SPM or integrated with your existing Building Management System (BMS).

Event Notification

- > Email notification via the CDU to multiple recipients when an event occurs
- > SNMP traps via the CDU when an event occurs
- > Auto-discovers each CDU for easy configuration
- > Easily create a user interface that mirrors the physical deployment of the data center
- > Quickly drill down from a global perspective to the rack's actual physical location if there is a problem (quickly identify the alarm and the physical location of the CDU)
- > Create outlet clusters to group outlets within a CDU, across linked CDU's, or across enterprise locations

Multiple Reporting Options

- > Reporting capabilities to produce reports on critical management parameters such as temperature, humidity, and current load
- > Reports on Current and Power providing the power consumption of each input, total for the rack and/or per square foot of the rack

On-Demand Accessibility

- > Real-time view of all active system alarms
- > Anytime, anywhere web-based views
- > Manage thousands of CDU's from a single console

Compatibility

- > Server Technology Sentry CDU's with firmware 5.3x or later

Web Browsers Supported

- > Microsoft Internet Explorer 6.0 or later
- > Mozilla Firefox 1.5 or later

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