

Sentry Switched CDU

CW-48VD/Y

Key Features

- > Remote Power Management: Power cycle individual power outlets, or groups of power outlets, to remotely reboot servers and network devices, anywhere in the world. Or, power-off unused power receptacles
- > High Power Distribution: 208V 3-Phase Power; 20 or 30A power input feed
- > High Density: Single power input feed; 48 IEC 60320 C13 outlets per enclosure
- > IP Access & Security: Web interface, SSL, SSH, Telnet, SNMP, FTP, SNT, Syslog, RADIUS, LDAP, LDAPS, TACACS and RS-232 access
- > Add an Expansion Module: Connect the Switched Expansion CDU (CX) to a Master unit (CW) for power management of separate power circuits from a single IP address
- > Environmental Monitoring: Each Switched CDU supports two temperature & humidity probes and reports conditions thru the user interface without the need for additional IP addresses
- > SNMP Traps: Provide automated alerts for power and environmental conditions
- > Input Current Monitor: Precisely measure the aggregate current draw (in amps) on each phase. On-site verification of the input current with the LED digital display. Remote verification via browser or serial screen.
- > Power-up Sequencing: Prevent an in-rush power overload

High-Density Power Distribution

The Switched CDU's combine remote configuration and management with power distribution and power and environmental monitoring. Reboot a single or dual-power server with one command. Receive SNMP alerts when power or environmental conditions exceed thresholds. Assign users specific access rights to designated outlets or groups.

Only the Switched CDU products provide the flexibility needed for all data centers and remote sites, including power requirements for high-amp, high voltage; UL 60950-1 branch circuit protection; SSL & SSH security; and SNMP-based input current monitoring.

Additional Benefits:



Branch Circuit Protection

The Sentry CDU Family meets the new UL 60950-1 requirement for branch circuit protection.

Attention! The Sentry CDU products meet the above criteria by providing overcurrent protection with UL-listed Bussman SC fuses for each branch circuit.



Input Current Monitoring

Exclusive Digital True RMS current monitoring is critical to preventing overloads in high-density computing environments. LED digital displays on the CDU enclosure report the input current of each phase for simple load balancing



Temperature and Humidity

The Switched CDU supports two external 10ft (3m) probes. Each of these probes measure both temperature and humidity. Receive SNMP-based alerts or email notifications when conditions exceed defined thresholds.



Model	Available Input Voltages	Amperage	Available Input Cord	Outlets	Dimensions (L x W x D)
CW-48VD-L1520	240V 3-Phase Delta, 50/60Hz	20A	NEMA L15-20P, Bottom Cord Entry, Cordset 10ft (3m)	(48) IEC 60320/C13	62.0 x 3.50 x 2.25 in (1575 x 89 x 57 mm)
CW-48VD-L1530 CX-48VD-L1530*	240V 3-Phase Delta, 50/60Hz	30A	NEMA L15-30P, Bottom Cord Entry, Cordset 10ft (3m)	(48) IEC 60320/C13	62.0 x 3.50 x 2.25 in (1575 x 89 x 57 mm)
CW-48VY-L2120 CX-48VY-L2120*	208V 3-Phase Wye, 50/60Hz	20A	NEMA L21-20P, Bottom Cord Entry, Cordset 10ft (3m)	(48) IEC 60320/C13	62.0 x 3.50 x 2.25 in (1575 x 89 x 57 mm)
CW-48VY-L2130 CX-48VY-L2130*	208V 3-Phase Wye, 50/60Hz	30A	NEMA L21-30P, Bottom Cord Entry, Cordset 10ft (3m)	(48) IEC 60320/C13	62.0 x 3.50 x 2.25 in (1575 x 89 x 57 mm)

*CX part number refers to the expansion CDU

Additional Features and Specifications

Agency Approvals

- > US & Canada (cTUVs mark) to UL 60950-1:2003 and CAN/CSA 22.2 No. 60950-1-03
- > European Union (TUVGS mark) to EN 60950-1:2001
- > FCC Class A, Part 15
- > CE
- > EMC to EN 55022 Class A, EN 55024, CISPR 22 Class A

Communications and Security

- > 10/100 BaseT Ethernet
- > HTTP/HTTPS
- > SSLv3/TLSv1
- > SNMPv2
- > SSHv2
- > Telnet
- > RADIUS
- > LDAPv3
- > LDAPS
- > TACACS+
- > RS-232 (Serial)

Branch Circuit Protection

- > Compliant to UL 60950-1

Accessories

- > Optional Temperature & Humidity Probe
 - EMTH-1-1 Temperature & Humidity Probe, 10ft (3m)
- > Environmental Monitor
 - EMCU-1-1B allows up to (2) additional temperature & humidity probes, (1) water sensor, (4) dry contact closures, (1) analog-to-digital converter. Includes (1) temperature/humidity probe with unit.
- > SPM (Sentry Power Manager) Appliance:
 - Monitor and Manage multiple Sentry CDU's
 - Monitor and Manage all alarm conditions
 - Reporting and Trending
 - Group or Cluster outlets for reboot and power information

1U SPM Appliance



Expansion Module

- Model Numbers
- > CX-48VD-L1530
 - > CX-48VY-L2120
 - > CX-48VY-L2130



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