

Sentry Switched CDU

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: 120V, 208V, or 230V power; 20-Amp power input feed option
- > High Density: Single power input feed; 16 outlets per enclosure
- > IP Access & Security: Web interface, SSL, SSH, Telnet, SNMP, FTP, SNT, Syslog, LDAP, LDAPS, TACACS and RS-232 access
- > Add an Expansion Module: Daisy chain the Switched CDU Expansion Module (CW/CX) 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 Web interface
- > Enterprise View: View and access up to 1,000 Switched CDUs from one Web interface**
- > SNMP Traps: Provide automated alerts for power and environmental conditions
- > Input Current Monitor: Precisely measure the aggregate current draw (in amps) on each power circuit. 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

CW-16V (20-Amp)

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-based alerts and email 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 not required for 20A rated devices); SSL & SSH security; and SNMP-based input current monitoring.

The Switched CDU also supports Enterprise View PDU Manager. This gives the engineer the ability to manage a large installation of Networked CDUs from one location, view and access up to 1,000 Switched CDUs from a single web interface.

Additional Benefits:



Input Current Monitoring

The CDU's exclusive 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 or branch circuit.



Temperature and Humidity

Switched CDU supports two external probes. Each of these probes measure both temperature and humidity. Receive SNMP-based alert notifications when conditions exceed defined thresholds.

The



Model	Available Input Voltages	Amperage	Available Input Cord	Outlets	Dimensions (L x W x D)
CW-16V1-C20MX CX-16V1-C20MX*	100-120V 50/60Hz	20A	IEC 60320/C20 Power Inlet	(16) NEMA 5-20R	39.5" x 1.75" x 2.25"
CW-16V2-C20MX CX-16V2-C20MX*	208-240V 50/60Hz	20A	IEC 60320/C20 Power Inlet	(16) IEC 60320/C13	39.5" x 1.75" x 2.25"
CW-16VE-C20MX CX-16VE-C20MX*	230V 50/60Hz	16A	IEC 60320/C20 Power Inlet	(16) IEC 60320/C13	39.5" x 1.75" x 2.25"

*CX part number refers to the expansion CDU

Additional Features and Specifications

Agency Approvals

- > US & Canada (cTUVus 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
- > LDAPS/LDAPv3
- > TACACS+
- > RADIUS
- > RS-232 (Serial)

Branch Circuit Protection (not required)

- > Compliant to UL 60950-1

Accessories

- > Optional Temperature & Humidity Probe
 - EMTH-1-1 Temperature & Humidity Probe, 10 ft (3m)
- > 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
- > Environmental Monitor
 - EMCU-1-1B allows up to (2) additional temperature & humidity probes, (1) water sensor, (4) dry contact closures, (1) analog-to-digital contact sensor. Includes (1) temperature/humidity probe with unit.

Power Cord Options (for units with C20 power inlets)

- > PTCORD-1 IEC 60320/C19 - NEMA L6-20P , 10 ft (3m)
- > PTCORD-2 IEC 60320/C19 - Schuko 10 ft (3m)
- > PTCORD-3 IEC 60320/C19 - IEC 60309 (BS4343, CEE17) 16/20A Blue (UK Commando) 10 ft (3m)
- > PTCORD-4 IEC 60320/C19 - BS1363 13A (UK) 10 ft (3m)
- > PTCORD-5 IEC 60320/C19 - 5-15P (15A Straight-Blade) 10 ft (3m)
- > PTCORD-6 IEC 60320/C19 - 5-20P (20A Straight-Blade) 10 ft (3m)
- > PTCORD-7 IEC 60320/C19 - L5-20P (20A Twist-Lock) 10 ft (3m)



Expansion Module Model Numbers

- > CX-16V1-C20MX
- > CX-16V2-C20MX
- > CX-16VE-C20MX



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