

Sentry Switched CDU

CW-8H1



Medium-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; 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. The CW-8H contains fuses within the enclosure.



Input Current Monitoring

The CDU's exclusive True RMS current monitoring is critical to preventing overloads in high-density computing environments. LED digital display on the CDU enclosure report the input current of the circuit.



Temperature and Humidity

The 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.



Key Features

- > **Medium Density:** Single power input feed; 8 outlets per 1U enclosure
- > **High Power Distribution:** 120V, 20A and 30A power input feed options
- > **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
- > **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.
- > **IP Access & Security:** Web interface, SSL, SSH, Telnet, SNMP, FTP, SNT, Syslog, LDAP, LDAPS, TACACS and RS-232 access
- > **Traps & Alerts:** Provide automated SNMP-based alarms and email alerts for power and environmental conditions
- > **Environmental Monitoring:** Each Switched CDU supports two temperature & humidity probes and reports conditions thru the Web interface
- > **Add an Expansion Module:** Connect the Switched Expansion CDU (CX) to a Master unit (CW)
- > **Power-up Sequencing:** Prevent an in-rush power overload

Model	Available Input Voltages	Amperage	Available Input Cord	Outlets	Dimensions (L x W x D)
CW-8H1-C20M CX-8H1-C20M*	100-120V 50/60Hz	20A	IEC 60320/C20 Power Inlet	(8) NEMA 5-20R	1.75 x 17.2 x 7.1 in. (44 x 437 x 181 mm)
CW-8H1-L30M CX-8H1-L30M*	100-120V 50/60Hz	30A	NEMA L5-30P Cordset, 10 ft (3m)	(8) NEMA 5-20R	1.75 x 17.2 x 7.1 in. (44 x 437 x 181 mm)

*CX refers to the Expansion Module

Additional Features and Specifications

Agency Approvals

- > US & Canada (cTUVus mark) to UL 60950-1:2003 and CAN/CSA 22.2 No. 60950-1-03
- > FCC Class A, Part 15
- > 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
- > LDAPv3
- > LDAPS
- > TACACS+
- > RS-232 (Serial)

Branch Circuit Protection

- > Compliant to UL 60950-1

Power Cord Options

- > PTCORD-5 IEC 60320/C19 - 5-15P (15A Straight-Blade) 10ft (3m)
- > PTCORD-6 IEC 60320/C19 - 5-20P (20A Straight-Blade) 10ft (3m)
- > PTCORD-7 IEC 60320/C19 - L5-20P (20A Twist-Lock) 10ft (3m)

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 contact sensor. 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

1 U SPM Appliance



Expansion Module
Model Numbers
> CX-8H1-C20M
> CX-8H1-L30M



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