

Sentry Smart CDU

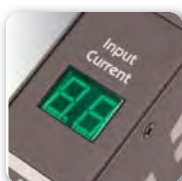
Key Features

- > **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.
- > **Medium Power Distribution:**
208V 3-Phase, 20A input feed.
- > **High Density:** 21 outlets per enclosure
- > **IP Access & Security:** Web interface, SSL, SSH, Telnet, SNMP or RS-232 access
- > **Environmental Monitoring:**
Each Smart CDU supports two temperature & humidity probes and reports conditions through the Web interface.
- > **SNMP Traps:** Provide automated alerts for power and environmental conditions
- > **Add an Expansion unit:**
Connect the Smart Expansion CDU (CL) to a Master unit (CS) for power monitoring of separate power circuits from a single IP address

CS-21V 208V 3Phase 20A

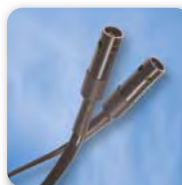
High Density Power Distribution

The Smart Cabinet Distribution Units (CDU) provide reliable power distribution combined with local and remote 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.



Input Current Monitoring

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 for simple load balancing.



Temperature and Humidity

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



Linking for Smart CDU (Expansion Modules)

The Smart CDU family has the capability to daisy chain units together. The Expansion Module provides the ability to link two power circuits under one IP address.



Model	Available Input Voltages	Amperage	Available Input Cord	Outlets	Dimensions
CS-21VDD111 CL-21VDD111*	3-Phase 208V Delta 50/60Hz	20A	NEMA L15-20P 10ft (3m) Cordset	(21) IEC 60320/C13	45.7 x 1.75 x 2.25 in (1160 x 44 x 57 mm)
CS-21VYL111 CL-21VYL111*	3-Phase 208V Wye 50/60Hz	20A	NEMA L21-20P 10 ft (3m) Cordset	(21) IEC 60320/C13	45.7 x 1.75 x 2.25 in (1160 x 44 x 57 mm)

*CL refers to the Expansion Module

Additional Specifications

Agency Approvals

- > US & Canada (cTUVus mark) to UL 60950-1:2007 and CAN/CSA 22.2 No. 60950-1-07
- > 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
- > SNMPv2/3
- > SSHv2
- > Telnet
- > LDAPv3
- > LDAPS
- > TACACS+
- > RADIUS
- > RS-232 (Serial)
- > IPv6

Branch Circuit Protection

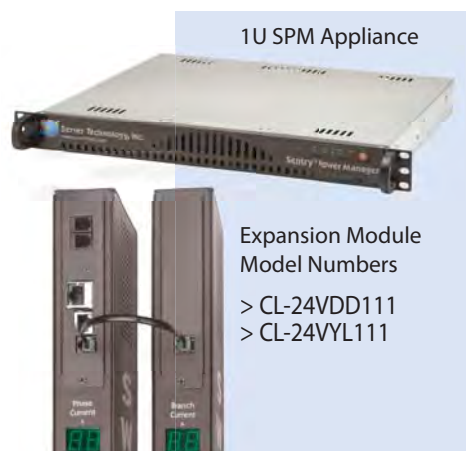
- > Compliant to UL 60950-1

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 contact sensor. Includes (1) temperature/humidity probe with unit.
- > SPM (Sentry Power Manager):
 - 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
 - Optional Appliance or virtual version
 - SPM v5.1+ is VMware READY



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