

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 web browser or serial screen.
- > **High Power Distribution:** 120V and 208V ; 20 or 30-Amp power input feed options.
- > **High Density:** Dual input feed; 48 outlets per enclosure
- > **IP Access & Security:** Web interface, SSL, SSH, Telnet, SNMP, FTP, SNTp, Syslog, RADIUS, LDAP, LDAPS, TACACS and RS-232 access
- > **Environmental Monitoring:** Each Smart CDU supports two external temperature & humidity probes and reports conditions thru the Web interface
- > **SNMP Traps:** Provide automated alerts for power and environmental conditions

CS-48VD

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 when conditions exceed defined thresholds.

Additional Benefits:



Branch Circuit Protection

The Sentry CDU Family meets the 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

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

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



Model	Available Input Voltages	Amperage	Available Input Cord	Outlets	Dimensions (L x W x D)
CS-48VD1-C20	100-120V 50/60Hz	20A	IEC 60320/C20 Power Inlet	(48) NEMA 5-20R	54.0 x 3.5 x 2.25 in (1372 x 89 x 57 mm)
CS-48VD1-L530	100-120V 50/60Hz	30A	NEMA L5-30P Cordset 10ft (3m)	(48) NEMA 5-20R	54.0 x 3.5 x 2.25 in (1372 x 89 x 57 mm)
CS-48VD2-C20	208-240V 50/60Hz	20A	IEC 60320/C20 Power Inlet	(48) IEC 60320/C13	54.0 x 3.5 x 2.25 in (1372 x 89 x 57 mm)
CS-48VD2-L630	208-240V 50/60Hz	30A	NEMA L6-30P Cordset 10ft (3m)	(48) IEC 60320/C13	54.0 x 3.5 x 2.25 in (1372 x 89 x 57 mm)
CS-48VDE-C20	230V 50/60Hz	16A	IEC 60320/C20 Power Inlet	(48) IEC 60320/C13	54.0 x 3.5 x 2.25 in (1372 x 89 x 57 mm)
CS-48VDE-P32	230V 50/60Hz	32A	IEC 60309 Cordset 10ft (3m)	(48) IEC 60320/C13	54.0 x 3.5 x 2.25 in (1372 x 89 x 57 mm)

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
- > LDAPv3/LDAPS
- > TACACS+
- > RADIUS
- > RS-232 (Serial)

Branch Circuit Protection

- > Compliant to UL 60950-1

Power Cord Options

- > 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)

Accessories

- > Optional Temperature & Humidity Probe
EMTH-1-1 Temperature & Humidity Probe, 10ft (3m)



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