Sentry Metered CDU

Key Features

> **Power Distribution:**
100-120V, 208-240V and 230V power options; 16, 20, 30, or 32-Amp power input feed options.

> **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.

> **High-Density:** Dual power input feeds; 48 outlets per enclosure

C-48VD

High-Density Metered Power Distribution

Increasing power demands and density in the equipment cabinet requires new functionality from your cabinet PDU. The Sentry CDU product family uniquely meets these demands.

The Sentry Cabinet Power Distribution Unit (CDU) is an intelligent PDU with local LED input current monitoring, allowing network engineers to utilize the CDU's True RMS Power Monitor to precisely measure the current (in amps) that network devices are drawing on the power circuit. As new servers and devices are added to the power drop, immediately observe its impact on the cumulative current draw. This allows the engineer to safely load each circuit to its maximum allowable load capacity without the danger of overloading the power circuit.

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

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.

Button Mounting

All CDUs are also compatible with new button & "keyhole" style mounting for cabinets. Several cabinet manufacturers are now using this method for installing power distribution units in the cabinet.

Model	Available Input Voltages	Amperage	Available Input Cord	Outlets	Dimensions
C-48VD1-C20	100-120V 50/60Hz	20A	IEC 60320/C20 Power Inlet	(48) NEMA 5-20R	54.0" x 3.50" x 2.25" (1372 x 89 x 57mm)
C-48VD1-L530	100-120V 50/60Hz	30A	NEMA L5-30P Cordset, 10ft (3m)	(48) NEMA 5-20R	54.0" x 3.50" x 2.25" (1372 x 89 x 57mm)
C-48VD2-C20	208-240V 50/60Hz	20A	IEC 60320/C20 Power Inlet	(48) IEC 60320/C13	54.0" x 3.50" x 2.25" (1372 x 89 x 57mm)
C-48VD2-L630	208-240V 50/60Hz	30A	NEMA L6-30P Cordset, 10ft (3m)	(48) IEC 60320/C13	54.0" x 3.50" x 2.25" (1372 x 89 x 57mm)
C-48VDE-C20	230V 50/60Hz	16A	IEC 60320/C20 Power Inlet	(48) IEC 60320/C13	54.0" x 3.50" x 2.25" (1372 x 89 x 57mm)
C-48VDE-30932E	230V 50/60Hz	32A	IEC 60309 Cordset, 10ft (3m)	(48) IEC 60320/C13	54.0" x 3.50" x 2.25" (1372 x 89 x 57mm)

Additional 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
> CISPER 22 Class A
> EMC - EN 55022 Class A, EN 55024

Branch Circuit Protection
> Compliant to UL 60950-1

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)
> PT-ADP-C19   Cable mount IEC 60320/C19 Connector

Server Technology