

Sentry Metered CDU

Key Features

- > **Input Current Monitor:** Precisely measure the aggregate current draw (in amps) on each phase of the power circuit.. On-site verification of the input current with the LED digital display.
- > **Power Distribution:** 400V, 3-Phase Wye, 16 and 32 Amp Power Input
- > **High-Density Power Distribution:** (36) IEC 60320 C13 and (6) IEC 60320 C19 outlets per enclosure
- > **Branch Circuit Protection:** Sentry CDUs meet UL 60950-1 requirements
- > **Vertical Mounting:** Zero-U button and bracket mounting options

C42VY Alternating Phase 230/400V Mixed Outlet

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.

Phased power is alternated between each outlet instead of each branch. This simplifies load balancing. Reduce the cord clutter from each server in the rear of lengths to rack mounted appliances.

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.

Additional Benefits:



Branch Circuit Protection

- The Sentry CDU Family meets the UL 60950-1 requirement for Branch Circuit Protections
- > UL-489 rated circuit breakers
 - > 10 KAIC rating for additional protection



Input Current Monitoring

The CDU's exclusive Digital 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.



Button Mounting

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



Locking Receptacles

All C13/C19 receptacles are fully compatible with Server Technology's locking power cords (supplied separately).



Model	Available Input Voltages	Amperage	Available Input Cord	Outlets	Dimensions (L x W x D)*
C42VY-4NAF21C4	230/400V 3-Phase Wye, 50/60Hz	16A	IEC Red 6Hr 3P+N+G Plug, 10'(3m), Bottom/Frt Entry	(36) IEC 60320/C13 (6) IEC 60320/C19	1753 x 56 x 56 mm (69.0 x 2.2 x 2.2 in.)
C42VY-4PAF21C4	230/400V 3-Phase Wye, 50/60Hz	32A	IEC Red 6Hr 3P+N+G Plug, 10'(3m), Bottom/Frt Entry	(36) IEC 60320/C13 (6) IEC 60320/C19	1753 x 56 x 56 mm (69.0 x 2.2 x 2.2 in.)

* Product Depth 3.5" at circuit breakers

Additional Specifications

Agency Approvals

- > European Union (TUVGS Mark) to EN 60950-1:2006 + A11
- > FCC Class A, Part 15
- > CE Mark
- > EMC to EN 55022 Class A, EN 55024, CISPR 22 Class A

Branch Circuit Protection

- > Compliant to UL 60950-1



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