

# Sentry Switched CDU

## Key Features

- > High Density: Single-power input feed; 24 outlets per enclosure (Qty 12 IEC C13 & 12 IEC C19 outlets)
- > High Power Distribution: 208V 3-phase 50 and 60 amp input feed options
- > Input Current Monitor: Precisely measure the aggregate current draw (in amps) on each phase. On-site verification of the input current with LED digital display. Remote verification via web browser or serial screen.
- > 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
- > IP Access & Security: Web interface, SSL, SSH, Telnet, SNMP, FTP, SNTp, Syslog, LDAP, LDAPS, TACACS, RADIUS, and RS-232 access
- > SNMP Traps and Email alerts: Provide automated alerts for power and environmental conditions
- > Environmental Monitoring: Each Switched CDU supports two external temperature & humidity probes and reports conditions thru the user interface without the need for additional IP addresses
- > Add an Expansion Module: Connect the Switched Expansion CDU (CXG) to a Master unit (CWG) for power management of separate power circuits from a single IP address

## CWG-24VD/VY 50/60A Switched POPS™ CDU with 12xC13 and 12xC19 Outlets

### High-Density Power Distribution

The Switched CDU combines network configuration and management with power distribution, environmental monitoring and the ability to provide power monitoring per an individual outlet/device. Power information per outlet includes current, voltage, power (kW), apparent power (VA), crest factor and power factor. Reboot a single or dual-power server with one command. Receive SNMP or email-based alerts when power or environmental conditions exceed thresholds. Assign user specific access rights to designated outlets or groups.

This Switched CDU has middle entry for network, serial & environmental connections combined with a top power cord entry. This provides the ultimate flexibility when connecting Switched CDU's to overhead power or busways. Current monitors are easily inverted via the web GUI or serial interface.

### Additional Benefits:



#### POPS™ (Per Outlet Power Sensing)

Monitor Current Load (A), Voltage (V), Power (W), Apparent Power (VA), Crest Factor and Power Factor per outlet at an accuracy of  $\pm 2\%$ .



#### Branch Circuit Protection

The Sentry CDU Family meets the UL 60950-1 requirement for Branch Circuit Protections

- > UL-489 rated circuit breakers



#### PIPS - Per Input Power Sensing

Accurately measures Active Power, Apparent Power, Energy k-Wh, Power Capacity, Reactance, and Power Capacity Used using the network interface. See the aggregate current draw, in Amps, locally using the onboard LED.



#### Temperature and Humidity

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



#### Mixed Outlets

This Switched CDU combines both IEC 60320/C13 and IEC 60320/C19 switched outlets within a single CDU for rebooting non-responsive servers & network devices.



Model	Available Input Voltages	Amperage	Available Input Cord	Outlets	Dimensions (L x W x D)
CWG-24VDV425A9 CXG-24VDV425A9*	240V, 3-phase Delta 50/60 Hz	50A	CS8365 Plug, 10'(3m), Bottom/Frt Cord	(12) IEC 60320/C13 (12) IEC 60320/C19	79.7 x 1.75 x 3.50 in. (2025 x 44 x 89 mm)
CWG-24VDX425A9 CXG-24VDX425A9*	240V, 3-phase Delta 50/60Hz	60A	IEC Blue 9hr 3P+G Plug, 10'(3m), Bottom/Frt Cord	(12) IEC 60320/C13 (12) IEC 60320/C19	79.7 x 1.75 x 3.50 in. (2025 x 44 x 89 mm)
CWG-24VYY425A9 CXG-24VYY425A9*	208V, 3-phase Wye 50/60 Hz	60A	IEC Blue 9hr 3P+N+G Plug, 10'(3m), Bottom/Frt Cord	(12) IEC 60320/C13 (12) IEC 60320/C19	79.7 x 1.75 x 3.50 in. (2025 x 44 x 89 mm)

\* CXG part numbers refer to the Expansion CDU

## 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
- > CE
- > EMC to EN 55022 Class A, EN 55024

### Communications and Security

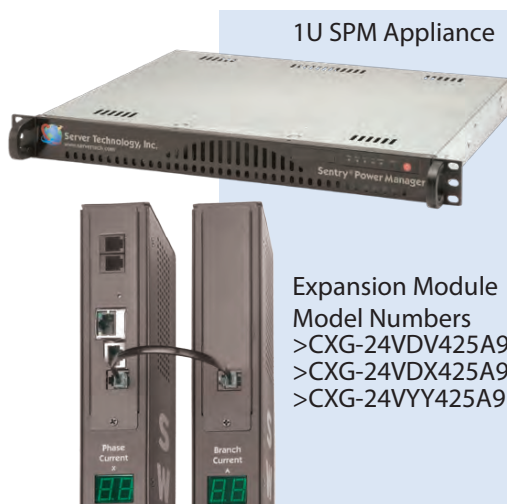
- > 10/100 BaseT Ethernet
- > HTTP/HTTPS
- > SSLv3/TLSv1
- > SNMPv2
- > SSHv2
- > Telnet
- > LDAPS/LDAPv3
- > TACACS+
- > RADIUS
- > RS-232 (Serial)

### Branch Circuit Protection

- > Compliant to UL 60950-1

### Accessories

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



1U SPM Appliance

### Expansion Module

- Model Numbers
- >CXG-24VDV425A9
  - >CXG-24VDX425A9
  - >CXG-24VYY425A9



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