

# Sentry Smart CDU

## Key Features

- > High Density: Single-power input feed; Quantity (21) NEMA 5-20R and either (6) NEMA L6-20R or NEMA L6-30R outlets per CDU.
- > High Power Distribution: 208V Wye three-phase power; 20/30-Amp power input feed.
- > Multiple Voltage Outputs: 120V & 208V output
- > Input Current Monitor: Precisely measure the aggregate current draw (in amps) on each phase. On-site verification of the input current with the LED digital display. Remote verification via web browser or serial screen.
- > IP Access & Security: Web interface, SSL, SSH, Telnet, SNMP, FTP, SNT, Syslog, LDAP, LDAPS, RADIUS, TACACS and RS-232 access
- > Alerts: Provide automated SNMP-based alarms or email alerts for power and environmental conditions
- > Environmental Monitoring: Each Smart 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 Smart Expansion CDU (CL) to a Master unit (CS) for power monitoring of separate power circuits from a single IP address

## CS-27VY-004/5 with NEMA 5-20R and NEMA Locking Outlets

### 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.

The Smart CDU family has the capability to daisy chain units together. The Expansion CDU Module gives the ability to use one IP address across different power circuits.

### Additional Benefits:



#### Input Current Monitoring

The NEW Digital True RMS monitoring, with improved accuracy, is critical to preventing overloads in high-density computing environments. LED digital displays on the CDU enclosure report the input current of each phase 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.



#### Branch Circuit Protection

The Sentry CDU Family meets the UL 60950-1 requirement for branch circuit protection.  
- UL 489 rated circuit breakers



| Model                               | Available Input Voltages      | Amperage | Available Input Cord                | Outlets                            | Dimensions (L x W x D)                       |
|-------------------------------------|-------------------------------|----------|-------------------------------------|------------------------------------|--|
| CS-27VYL423-004<br>CL-27VYL423-004* | 208V, 3-phase Wye,<br>50/60Hz | 20A      | NEMA L21-20P<br>Cordset, 10 ft (3m) | (21) NEMA 5-20R<br>(6) NEMA L6-20R | 69.0 x 1.75 x 3.5 in.<br>(1753 x 44 x 89 mm) |
| CS-27VYM423-004<br>CL-27VYM423-004* | 208V, 3-phase Wye,<br>50/60Hz | 30A      | NEMA L21-30P<br>Cordset, 10 ft (3m) | (21) NEMA 5-20R<br>(6) NEMA L6-20R | 69.0 x 1.75 x 3.5 in.<br>(1753 x 44 x 89 mm) |
| CS-27VYM423-005<br>CL-27VYM423-005* | 208V, 3-phase Wye,<br>50/60Hz | 30A      | NEMA L21-30P<br>Cordset, 10 ft (3m) | (21) NEMA 5-20R<br>(6) NEMA L6-30R | 69.0 x 1.75 x 3.5 in.<br>(1753 x 44 x 89 mm) |

\* CL part numbers refer to the Expansion CDU

## Additional Features and Specifications

### Agency Approvals

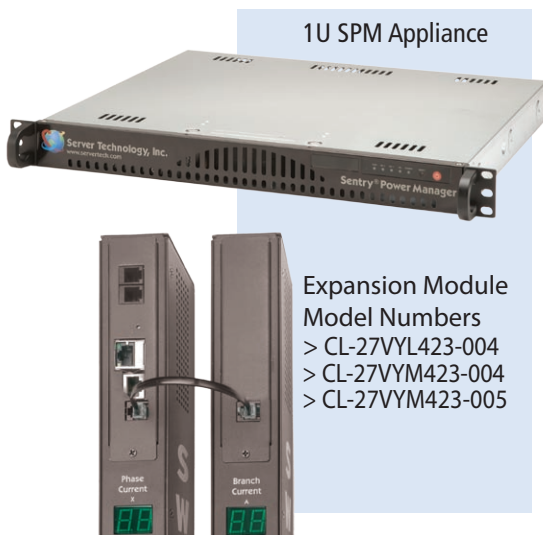
- > US & Canada (cTUVus mark) to UL 60950-1:2003 and CAN/CSA 22.2 No. 60950-1-03
- > FCC Class A, Part 15
- > CE
- > EMC CISPR 22 Class A

### Communications and Security

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

### 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  
> CL-27VYL423-004  
> CL-27VYM423-004  
> CL-27VYM423-005



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