Sentry Switched CDU

Key Features

> **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

> **High Power Distribution:** 208V or 230V power; 16, 20, 30 or 32-Amp power input feed options

> **High Density:** Single power input feed; (48) IEC C13 outlets per enclosure

> **IP Access & Security:** Web interface, SSL, SSH, Telnet, SNMP, FTP, SNTP, Syslog, RADIUS, LDAP, LDAPS, TACACS and RS-232 access

> **Add an Expansion Module:** Connect the Switched Expansion CDU to a Master unit for power management of separate power circuits from a single IP address

> **Environmental Monitoring:** Each Switched CDU supports two temperature & humidity probes and reports conditions thru the user interface without the need for additional IP addresses

> **SNMP Traps:** Provide automated alerts for power and environmental conditions

> **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 browser or serial screen.

> **Power-up Sequencing:** Prevent an in-rush power overload

STV-4301 Switched 208-240V with 48xC13 and PIPS

High-Density Power Distribution

Designed for high density applications with low power draw servers, the STV-4301 combines remote configuration and management with power distribution and power and environmental monitoring. Reboot a single or dual-power server with one command. Receive SNMP or email based alerts when power or environmental conditions exceed thresholds. Assign users specific access rights to designated outlets or groups.

Only the Switched CDU products provide the flexibility needed for all data centers and remote sites, including power requirements for high-amp, high voltage; UL 60950-1 branch circuit protection; SSL & SSH security; and SNMP-based input current monitoring.

Additional Benefits:

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 probes. Each of these probes measure both temperature and humidity. Receive SNMP-based alert notifications when conditions exceed defined thresholds.

Linking for Switched CDU (Expansion Modules)
The Switched 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.

Outlet Spacing
Forty Eight IEC C13 outlets spread over the length of the CDU to more closely match the U-spacing within the cabinet. Use shorter cords to each server for better cable management.

Model	Available Input Voltages	Amperage	Available Input Cord	Outlets	Dimensions (L x W x D)
STV-4301A SEV-4301A*	208-240V, 50/60Hz	20A	IEC 60320/C20 Power Inlet, Top Entry	(48) IEC 60320/C13	69.0 x 3.25 x 2.25 in. (1753 x 83 x 57 mm)
STV-4301C SEV-4301C*	208-240V, 50/60Hz	30A	NEMA L6-30P Plug, 10'(3m) Top Cord Entry	(48) IEC 60320/C13	69.0 x 3.25 x 2.25 in. (1753 x 83 x 57 mm)
STV-4301D SEV-4301D*	230V, 50/60Hz	16A	IEC 60320/C20 Power Inlet, Top Entry	(48) IEC 60320/C13	69.0 x 3.25 x 2.25 in. (1753 x 83 x 57 mm)
STV-4301K SEV-4301K*	230V, 50/60Hz	32A	IEC Blue 2P+G Plug 10'(3m) Top Cord Entry	(48) IEC 60320/C13	69.0 x 3.25 x 2.25 in. (1753 x 83 x 57 mm)

*SEVpart number refers to the expansion CDU

Additional Features and Specifications

Agency Approvals
> US & Canada (cTUVus Mark) to UL 60950-1:2007 and CAN/CSA 22.2 No. 60950-1-07
> 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

Communications and Security
> 10/100 BaseT Ethernet
> HTTP/HTTPS
> SSLv3/TLSv1
> SNMPv2/v3
> SSHv2
> Telnet
> RADIUS
> LDAPv3
> LDAPS
> TACACS+
> RS-232 (Serial)
> IPv4 and IPv6

Branch Circuit Protection
> Compliant to UL 60950-1

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

> 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.

> SPM (Sentry Power Manager):
        - 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
        - Optional Appliance or virtual version
        - SPM v5.1+ is VMware READY

VMware and VMware Ready is a registered trademark or trademark of VMware, Inc. in the United States and/or other jurisdictions

1U SPM Appliance

Expansion Module Model Numbers
> SEV-4301A
> SEV-4301C
> SEV-4301D
> SEV-4301K