

Sentry Dual-Feed Power Tower XL

Key Features

- > Remote Management: Reboot locked-up servers and network gear via IP or out-of-band
- > Power-up Sequencing of outlets prevents a power in-rush overload. User adjustable.
- > Input Current Monitor: Power monitoring of the aggregate load on each power circuit (amps) remotely via the interface and locally on the enclosure.
- > Authentication: Username/password required for network administrators & user accounts.
- > Web GUI: Full configuration & control for managing and grouping outlets, user accounts and network settings
- > Global Security Modem: Field replaceable modem can be added any time.
- > Add a second tower: Connect a Power Tower Expansion Module (PTXM) to each PTXL to control up to 32 managed outlets (individual or groups).
- > Outlet Grouping: Group individual outlets-between A and B Power circuits for control of dual-supply servers with a single command.
- > Power Distribution: Dual 120V, 208-240V or 230V; 16A, 20A, 30A or 32A power input feeds
- > RS-232 Control: Manage the Power Towers via an existing computer, KVM switch, terminal server or other serial device.
- > Environmental Monitoring: Add temperature, humidity, water and intrusion monitoring with the EMCU-1-1
- > SSHv2: Secure Shell for secure remote terminal
- > SSLv3: Secure Sockets Layer-enabled HTTPS server.
- > Active Directory with LDAPSv3: User authentication with LDAPv3

PTXL-HD Dual Input Feed



Remote Management for Dual-Power Servers in the Data Center

Data centers today most commonly standardize on dual-power corded servers and network gear as facility managers continue to push for improved network availability. Regardless of the power input feeds, however, servers and network gear do occasionally lock-up and require a reboot procedure to bring them back to operational status. Data Centers aiming for five 9's availability (99.999% uptime) require a remote solution to reduce Mean Time to Repair (MTTR) to reduce down time and improved productivity and efficiency.

The Sentry Dual-Feed Power Tower (PTXL-HD16) is designed for servers and other devices with dual or redundant power supplies. It combines intelligent power distribution, remote management, power monitoring and environmental monitoring into a single solution.

The PTXL provides Remote Power Management of each power receptacle, individually or as a selected group, via Web, SSH or SNMP management. Users can individually control each power outlet to reboot network servers and internetworking devices. Or, power-off unused power outlets to prevent unauthorized power consumption on power circuit(s).

The exclusive Outlet Group Control feature of the power outlet-receptacles from two different power circuits allows a user to easily reboot a dual-power supply server or other device with a single command. Link an expansion unit, the PTXM, to each PTXL to control multiple power circuits with a single user interface.

Input Current monitoring measures the aggregate load (in amps) on each power circuit. A digital display indicator on the Power Tower provides on-site verification of the load, and the remote user interface screen reports the same current measurement.

Model	Available Input Voltages	Amperage	Available Input Cord	Outlets	Dimensions (L x W x D)
PTXL-HD16-1-02 PTXM-HD16-1-02*	100-120 VAC 50/60 Hz	20A	Two IEC 60320/C20 Power Inlets	(16) NEMA 5-20R	17.2 x 3.50 x 10.0 in. (437 x 89 x 254 mm)
PTXL-HD16-1-05 PTXM-HD16-1-05*	100-120 VAC 50/60 Hz	30A	Two NEMA L5-30P Cord Sets	(16) NEMA 5-20R	17.2 x 3.50 x 10.0 in. (437 x 89 x 254 mm)
PTXL-HD16-2-02 PTXM-HD16-2-02*	208-240 VAC, 50/60 Hz 230 VAC, 50/60 Hz	20A 16A	Two IEC 60320/C20 Power Inlets	(16) IEC 60320/C13	17.2 x 3.50 x 10.0 in. (437 x 89 x 254 mm)
PTXL-HD16-2-06 PTXM-HD16-2-06*	208-240 VAC 50/60 Hz	30A	Two NEMA L6-30P Cord Sets	(16) IEC 60320/C13	17.2 x 3.50 x 10.0 in. (437 x 89 x 254 mm)
PTXL-HD16-2-00B PTXM-HD16-2-00B*	230 VAC 50/60 Hz	32A	Two IEC 60309 32 A Cord Sets	(16) IEC 60320/C13	17.2 x 3.50 x 10.0 in. (437 x 89 x 254 mm)

PTXM part number refers 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
- > European Union (TUVGS mark) to EN 60950-1:2001
- > FCC Class A, Part 15
- > CE
- > EMC to EN 55022 Class A, EN 55024, CISPR 22 Class A

Power Cord Options

- > PTCORD-1 IEC 60320/C19 - NEMA L6-20P , 10ft (3m)
- > PTCORD-2 IEC 60320/C19 - Schuko 10ft (3m)
- > PTCORD-3 IEC 60320/C19 - IEC 60309 (BS4343, CEE17) 16/20A Blue (UK Commando) 10ft (3m)
- > PTCORD-4 IEC 60320/C19 - BS1363 13A (UK) 10ft (3m)
- > PTCORD-5 IEC 60320/C19 - 5-15P (15A Straight-Blade) 10ft (3m)
- > PTCORD-6 IEC 60320/C19 - 5-20P (20A Straight-Blade) 10ft (3m)
- > PTCORD-7 IEC 60320/C19 - L5-20P (20A Twist-Lock) 10ft (3m)

Communications and Security

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

Warranty

- > 2 years

Branch Circuit Protection

- > Compliant to UL 60950-1

Accessories

- > Optional Temperature & Humidity Probe
 - EMTH-1-1 Temperature & Humidity Probe, 10ft (3m)
- > Environmental Monitor
 - EMCU-1-1B allows up to (2) 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) 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
- > Global Security Modem
 - C-HPT, add out-of-band dial-up access to the PTXL Switched CDU with this v.92 data modem. Includes Callback Security feature for a higher level of security against unauthorized access.

LED Indicators

- > On Sense indicates receptacle power status
- > Input Current Monitor dynamically displays cumulative current load



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