7.4kW Single-Phase Switched PDU, LX Interface, 230V Outlets (16-C13), IEC-309 Blue 230V 32A, 3.6m Cord, 2U Rack-Mount, TAA

MODEL NUMBER: **PDUMH32HVNET**







Highlights

- Switched 32A 7.4kW 230V PDU; 2U horizontal rackmount
- Pre-installed WEBCARDLX with latest version of PADM20 for IP-based Auto Probe feature
- Visual current meter; Reversible housing
- Blue 230V IEC-309 32A (2P+E) input cable
- 16 C13 switched outlets with plug-lock cable retention inserts
- Temperature, humidity and contact closure options
- TAA Compliant

Package Includes

- PDUMH32HVNET Switched PDU
- Rack installation brackets
- Cable retention inserts
- Configuration cable
- Owner's manual

Description

This Switched PDU offers advanced network control and monitoring with the ability to turn on, turn off, recycle or lock out power to each individual receptacle, monitor site electrical conditions and remotely monitor output power consumption. Built-in LX Platform network management interface enables full remote access for PDU status monitoring and email notifications via secure web browser, SNMP, telnet or SSH. It supports 10/100 Mbps auto-sensing for optimum communication with an Ethernet network. Optional EnviroSense2 modules (sold separately) provide a variety of environmental monitoring capabilities. Protocols supported include HTTP, HTTPS, SMTP, SNMPv1, SNMPv2, SNMPv3, telnet, SSH, FTP, DHCP and NTP. Individually switched outlets can be controlled in real time to remotely reboot unresponsive network hardware or be custom programmed for user-defined power-up and power-down sequences to ensure proper startup of interdependent IT systems and prevent inrush-related overloads as network equipment is first energized. Unused PDU outlets can be electronically locked off to prevent the connection of unauthorized hardware. PDU output current consumption in amps is displayed locally via front panel current meter or remotely via web/network interface to warn of potential overloads before critical IT mains or branch breakers trip.

Features

- 230V Switched rack PDU (rPDU) with built-in web/network interface in 2U rackmount form factor; 32A capacity
- Blue 230V IEC-309 32A (2P+E) input cable; 12 ft. / 3.6m power cable included
- 16 switched C13 outlets
- 2U horizontal rackmount form factor
- Supports power-on, power-off or reboot of each outlet on a real-time or programmable basis
- Enables reboot of locked equipment, custom power-on/power-off sequences, load-shedding of optional loads and disabling unused outlets
- Network interface provides PDU control and data regarding input voltage, frequency and loading information
- Digital display reports load level information in amps
- Supports user-specified alarm notification thresholds
- DHCP/Manual configuration support
- 10/100 Mbps auto-sensing
- Real-time clock backup maintains the time of day and date even if the PDU is unpowered

- Alert notifications via email or SNMP traps offer immediate event notification
- Firmware upgrade ability supports future product enhancements
- Pre-installed WEBCARDLX with the latest version of PowerAlert Device Manager firmware (PADM20) provides enhanced remote management capabilities
- PADM20 and PowerAlert Element Manager (PAEM) form a powerful tool for expanding maintenance functions in large installations, including firmware update checks and backup and restoration of device configurations
- IP-based Auto Probe detects lost connectivity and restores service autonomously
- Mounting flanges support installation in 2 and 4 post racks, with additional support for wall-mount and under-counter installation formats
- Mounting ears are reversible for front or rear facing rackmount installation
- Included cord retention brackets
- TAA Compliant

Specifications

OVERVIEW	
UPC Code	037332157249
PDU Type	Switched
INPUT	
Input Phase	Single-Phase
PDU Input Voltage	230
Nominal Input Voltage(s) Supported	230V AC
Recommended Electrical Service	Single-phase 32A 230V service
Maximum Input Amps	32
PDU Plug Type	IEC-60309 32A BLUE (2P+E)
Input Cord Length (ft.)	12
Input Cord Length (m)	3.66
OUTPUT	
Output Capacity Details	7.4kW (230V) / 32A total capacity / 20A max per breakered outlet bank; 16A max per C19 outlet, 10A max per C13 outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(16) C13
Output Nominal Voltage	230V
Overload Protection	Two 20A circuit breakers protect 8 outlets each
Customized Load Management Receptacles	Each outlet is individually controllable via remote interface
USER INTERFACE, ALERTS & CONTROLS	

Front Panel LCD Display	Digital display reports output amps in 3 loading segments (BANK 1: Outlets #1-8; BANK 2: Outlets #9-16; BANK 3: All outlets combined)
Front Panel LEDs	16 power availability LEDs confirm power off/on status for each built-in outlet; Two additional LEDs identify which bank the visual current meter is reporting (Bank 1, Bank 2 or Banks 1&2 combined); WEBCARDLX: LX Platform Status LED (Green); Network Link/Activity LED (Yellow), Network Speed LED (Green)
Switches	Pushbutton near the digital current meter advances the display of output current for Bank 1, Bank 2 and Banks 1&2 combined; WEBCARDLX: Recessed reset switch for card reboot and factory reset
SURGE / NOISE SUPPRESSION	
Automatic Shut-Off	No
PHYSICAL	
Material of Construction	Metal
Rack Height	2U
Form Factors Supported	2U rackmount
Minimum Required Rack Depth (cm)	37.59
Minimum Required Rack Depth (inches)	14.8
PDU Form Factor	Horizontal (2U)
Shipping Dimensions (hwd / in.)	7.70 x 16.90 x 19.70
Shipping Dimensions (hwd / cm)	19.56 x 42.93 x 50.04
Shipping Weight (lbs.)	16.40
Shipping Weight (kg)	7.44
Unit Dimensions (hwd / in.)	3.500 x 17.500 x 12.500
Unit Dimensions (hwd / cm)	8.9 x 44.5 x 31.75
Unit Weight (lbs.)	13.7
Unit Weight (kg)	6.21
ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	-22° to 122°F (-30° to 50°C)
Relative Humidity	5% to 95% non-condensing
Operating Elevation	0-10000 ft. (0-3000 m)
COMMUNICATIONS	
PowerAlert Software	LX Platform Interface: PowerAlert Device Manager
Communications Cable	Micro-USB- to-USB A configuration/console Access cable
Network Monitoring Port	RJ45 Network port, Micro-USB Configuration port, USB A port supports a variety of Envirosense2 environmental and control modules. See Accessories>Management Hardware section for more information about these modules.
SNMP Compatibility	LX platform interface provides remote monitoring and control via Java-free HTML5 web interface, telnet, SSH and SNMP management systems

Network Compatibility	10 Mbps; 100 Mbps (Fast Ethernet)
FEATURES & SPECIFICATIONS	
High Availability PDU Features	Auto Probe Monitoring and Reboot (included); Auto Load Shedding
STANDARDS & COMPLIANCE	
Product Certifications	EN 60950-1
Product Compliance	RoHS; CE (Europe); FCC Part 15 Class A (USA); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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