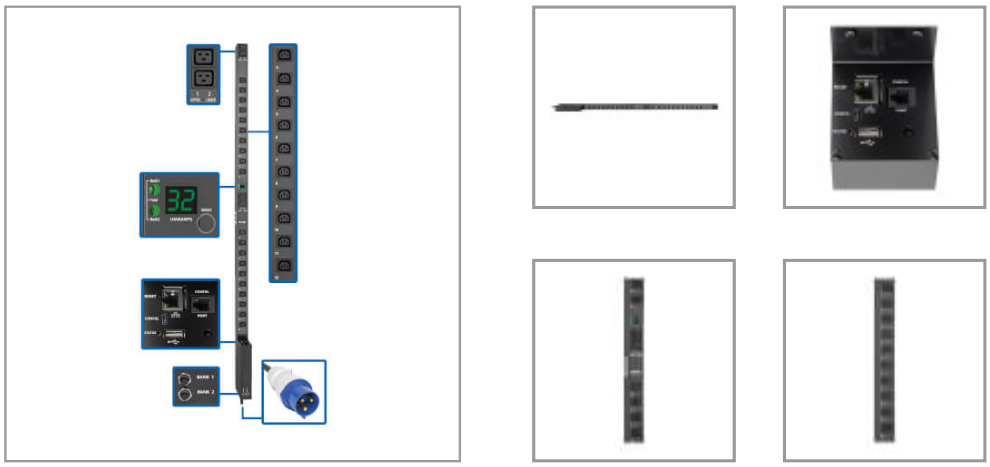
7.7kW Single-Phase Switched PDU with LX Platform Interface, 230V Output, IEC 309 32A Blue, 10 ft. (3.05 m) Cord, 0U, TAA

MODEL NUMBER: **PDUMV32HVNETLX**



0U PDU distributes, monitors and manages single-phase power in an IT or industrial environment.

Features

0U PDU Distributes, Monitors and Manages Network-Grade AC Power Recommended for data centers, server rooms and network closets, this 0U vertical PDU provides advanced network control and remote power monitoring with the ability to turn on, turn off, reboot or lock out power to each outlet. You can more efficiently manage network power consumption and properly balance loads without having to visit the site. Reducing the number of on-site visits can help lower the cost of data center maintenance.

24 Outlets Dispense Clean Power During normal operation, 24 individually controllable outlets—20 C13 and four C19—distribute AC power to connected equipment. Each 230V outlet is accompanied by an LED that illuminates when the outlet is ramped up and ready to be used. The outlets are split into two load banks, each protected by a circuit breaker that trips if the bank's connected load exceeds its maximum load rating. Plug-lock insert sleeves are included to prevent connected cables from becoming accidentally dislodged.

Digital Load Meter Helps Prevent Potentially Expensive OverloadsA digital ammeter reports the load for each outlet bank separately and the total connected load. Monitoring amperage helps ensure load levels remain well below maximum capacity with no danger of overload that could lead to costly downtime or damaged equipment. The firmware can be easily upgraded to ensure the PDU continues to perform at its best as connected equipment adds new features.

Built-In LX Platform Network Management Card Allows Remote Access 24/7 The built-in WEBCARDLX with the latest version of PowerAlert Device Manager firmware (PADM20) provides enhanced remote management capabilities, including customizable dashboard graphs to fit user preferences. The PADM20 upgrade and PowerAlert Element Manager (PAEM) software form a powerful tool for expanding maintenance functions in large installations, including firmware update checks and backup and restoration of device configurations. PADM20's Auto Probe feature allows a PDU with switched loads to automatically reboot devices if a network communication failure is detected. This preserves uptime and minimizes the time and expense associated with on-site support.**Easy to Install Vertically in an EIA-Standard 19 in. Rack**The 0U rack PDU (rPDU) mounts vertically using the included toolless mounting buttons or the included brackets. Spare buttons are also included. Use the included PDUMVROTATEBRKT kit to install the PDU with outlets facing the rear for better airflow or equipment access. A 10-ft. (3.05 m) cord with IEC 309 32A Blue (2P+E) input plug connects the single-phase PDU to a compatible AC power source, generator or protected UPS system.

Highlights

- 20 C13 and 4 C19 230V outlets distribute clean power to connected rack equipment
- Pre-installed WEBCARDLX with latest version of PADM20 for IP-based Auto Probe feature
- Remote power monitoring and control reduces on-site visits and maintenance costs
- 10-ft. (3.05 m) power cord with IEC 309 32A Blue (2P+E) input connects to compatible AC source
- Digital ammeter for on-site load monitoring helps prevent power overloads

Applications

- Powering a data center with server racks running mission-critical applications
- Monitoring power loads from various computers, switches, servers and other networking equipment
- Maintaining a computer network in a commercial or industrial facility

Package Includes

- PDUMV32HVNETLX 7.4kW Single-Phase Switched PDU
- (24) Plug-lock insert sleeves
- Rack-mounting hardware
- Spare mounting buttons
- PDUMVROTATEBRKT mounting bracket accessory
- Owner's manual

TAA-Compliant for GSA Schedule Purchases The PDUMV32HVNETLX is compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

2-Year Warranty The PDUMV32HVNETLX is backed by a 2-year warranty, ensuring reliability and performance.

Specifications

OVERVIEW	
UPC Code	037332202352
PDU Type	Switched
INPUT	
Input Phase	Single-Phase
PDU Input Voltage	230
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.)	10
Input Cord Length (m)	3.05
OUTPUT	
Output Capacity Details	7.7kW (240V), 7.4kW (230V), 7kW (220V), 6.7kW (208V), 6.4kW (200V) / 32A total capacity; 16A max per breakered outlet bank; 16A max per C19 outlet; 10A max per C13 outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(20) C13; (4) C19
Output Nominal Voltage	230V
Overload Protection	Two 20A circuit breakers protect 12 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 separately metered loading segments (BANK 1: Outlets #1-12; BANK 2: Outlets #13-24; BANK 3: All outlets combined)
Front Panel LEDs	24 power availability LEDs confirm power off/on status for each built-in outlet. Network Link/Activity Status LED (Yellow), Network Speed LED (Green); LX Platform status LED (Green)
Switches	Pushbutton control scrolls visual load meter display from bank 1, bank 2 and band 1&2 combined. LX Platform Interface: Recessed reset switch for interface reboot and factory reset
SURGE / NOISE SUPPRESSION	
Automatic Shut-Off	No

PHYSICAL	
Rack Height	0U
Form Factors Supported	0U vertical rackmount. Includes mounting brackets. Supports toolless mounting in button-mount compatible racks
PDU Form Factor	Vertical (0U)
Shipping Dimensions (hwd / in.)	5.43 x 6.57 x 73.31
Shipping Dimensions (hwd / cm)	13.79 x 16.69 x 186.21
Shipping Weight (lbs.)	16.71
Shipping Weight (kg)	7.58
Unit Dimensions (hwd / in.)	4.250 x 2.200 x 69.920
Unit Dimensions (hwd / cm)	177,6 x 5,6 x 10,8
Unit Weight (lbs.)	12.51
Unit Weight (kg)	5.67
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	RJ45-to-DB9 configuration/console Access cable
Network Monitoring Port	RJ45 Network port, RJ45 Serial Config/Console Access 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	Pre-installed LX platform interface provides remote monitoring 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); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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