1.9kW Single-Phase Switched PDU, LX Interface, 120V Outlets (8 5-15/20R), NEMA L5-20P/5-20P input, 12 ft. (3.66 m) Cord, 1U Rack, TAA

MODEL NUMBER: **PDUMH20NET2LX**







1.9kW 1U PDU distributes, monitors and manages AC power in an IT environment. Built-in Java-free network interface helps you remotely monitor load levels to prevent overloads that cause downtime.

Highlights

- 1.9kW 120V single-phase switched 1U PDU
- 8 individually controllable NEMA 5-15/20R outlets
- Pre-installed WEBCARDLX with latest version of PADM20 for IP-based Auto Probe feature
- Digital ammeter for on-site load monitoring in real time
- NEMA L5-20P input with 12-ft. (3.66 m) AC power cord and 5-20P adapter

Package Includes

- PDUMH20NET2LX 1.9kW Single-Phase Switched PDU
- Built-in LX Platform interface
- Configuration cable
- (8) Cable ties
- Cord retention bracket
- Mounting hardware
- Owner’s manual

Description

The PDUMH20NET2LX 1.9kW Single-Phase Switched 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. By reducing the frequency of on-site visits, these advanced remote capabilities can save you money and reduce downtime.

The 1U PDU features eight switched NEMA 5-15/20R outlets with an included cord retention bracket to prevent cables from becoming accidentally disconnected. A 12-ft. (3.66 m) cord with NEMA L5-20P plug and 5-20P plug adapter connects the PDU to a compatible AC power source, generator or protected UPS. The built-in Java-free HTML5-based LX Platform network 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 IPv4, IPv6, HTTP, HTTPS, SMTP, SNMPv1, SNMPv2, SNMPv3, telnet, SSH, FTP, DHCP and NTP.

A digital ammeter allows you to monitor the total load in real time to ensure it remains well below maximum capacity with no danger of overload. The single-phase PDU installs in 1U of space in EIA-standard 19-inch racks. You can also mount it vertically in 0U of rack space or on a wall or under a counter with the included brackets and user-supplied screws.

Features

Distributes, Monitors and Manages Network-Grade AC Power1.9kW 120V switched rack PDU (rPDU) with single-phase inputRecommended for network applications requiring individual outlet control, load shedding and remote monitoring of critical network componentsNEMA L5-20P plug with 12-ft. (3.66 m) cord and 5-20P plug adapter connects to compatible AC power sourceFirmware upgrades support future product enhancementsDigital ammeter reports total PDU load in real time

8 Switched NEMA 5-15/20R Outlets Distribute AC Power Individual outlets can be remotely controlled to power up, power down, reboot or lock out devicesCord retention bracket prevents cables from becoming accidentally disconnectedIndividual LEDs indicate which outlets are live

Built-In LX Platform Interface Pre-installed WEBCARDLX with the latest version of PowerAlert Device Manager firmware (PADM20) provides enhanced remote management capabilitiesPADM20 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 configurationsIP-

based Auto Probe detects lost connectivity and restores service autonomously

Broad Communications Compatibility Supports IPv4, IPv6, HTTP, HTTPS, SMTP, SNMPv1, SNMPv2, SNMPv3, telnet, SSH, FTP, DHCP and NTPSupports automatic and manual assignment of IP address

Essential Safety Features Tiered access allows administrator and guest to log in via web browserImmediate alert notifications via email or SNMP trapsSupports user-specified alarm notification thresholdsReal-time clock backup maintains day/date even if PDU is unpowered

Flexible Mounting Options Included rack-mounting brackets compatible with front- or rear-facing installationCompatible with 1U horizontal, 0U vertical, wall and under-counter mounting with included brackets and user-supplied screws

TAA-Compliant Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Specifications

OVERVIEW	
UPC Code	037332203281
PDU Type	Switched
INPUT	
Input Phase	Single-Phase
PDU Input Voltage	120
Recommended Electrical Service	Single-phase 20A 120V service
Maximum Input Amps	16
Maximum Input Amps Details	Agency de-rated to 16A continuous
PDU Plug Type	NEMA 5-20P; NEMA L5-20P
Input Cord Length (ft.)	12
Input Cord Length (m)	3.66
OUTPUT	
Output Capacity Details	1.92kW (120V) / 16A total capacity; 16A max per outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(8) 5-15/20R
Output Nominal Voltage	120V
Customized Load Management Receptacles	8 individually switched output receptacles
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	Digital display reports total PDU output current in amps
Switches	Recessed reset button for rebooting SNMP management card without affecting AC output to connected equipment
LED Indicators	8 LEDs display power on-off status for each output receptacle. Ethernet Link and Status LED's for network activity. System status LED for monitoring system operation.

SURGE / NOISE SUPPRESSION	
Automatic Shut-Off	No
PHYSICAL	
Material of Construction	Metal
Rack Height	1U
Form Factors Supported	1U rackmount
Minimum Required Rack Depth (cm)	23.62
Minimum Required Rack Depth (inches)	9.3
PDU Form Factor	Horizontal (1U)
Shipping Dimensions (hwd / in.)	0.00 x 0.00 x 0.00
Shipping Dimensions (hwd / cm)	0.00 x 0.00 x 0.00
Shipping Weight (lbs.)	0.00
Shipping Weight (kg)	0.00
Unit Dimensions (hwd / in.)	0.000 x 0.000 x 0.000
Unit Dimensions (hwd / cm)	4.44 x 44.4 x 10.8
Unit Weight (lbs.)	5.99
Unit Weight (kg)	2.72
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
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	
Grounding	Rear panel grounding lug
High Availability PDU Features	Auto Probe Monitoring and Reboot (included); Auto Load Shedding
STANDARDS & COMPLIANCE	

Product Certifications	CAN/CSA-C22.2 No. 60950-1 (Canada); NOM (Mexico); UL 60950-1
Product Compliance	RoHS; FCC Part 15 Class A (USA); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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