1.9kW Single-Phase Monitored PDU with LX Platform Interface, 120V Outlets (24 5-15/20R), 0U Vertical, 70 in., TAA

MODEL NUMBER: **PDUMNV20LX**








Cost-effective 1.9kW PDU distributes and monitors single-phase power in an IT or industrial environment. Built-in network interface helps monitor load levels to prevent overloads that cause downtime.

Description

The PDUMNV20LX 1.9kW Single-Phase Monitored PDU provides real-time remote monitoring of voltage, frequency and load levels via built-in network connection. Recommended for any IT or industrial application, it features 24 NEMA 5-15/20R outlets with included cord retention brackets to prevent cables from becoming accidentally disconnected. A 10-ft. (3.05 m) cord with NEMA L5-20P plug and 5-20P 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 HTTP, HTTPS, SMTP, SNMPv1, SNMPv2, SNMPv3, telnet, SSH, FTP, DHCP and NTP.
A digital ammeter allows you to monitor the PDU's current level in real time to ensure it remains well below maximum capacity with no danger of overload. The PDU mounts in 0U of space in EIA-standard 19-inch racks using the included toolless mounting buttons or the included rack-mounting brackets. Use the included PDUMVROTATEBRKT kit to install the unit with outlets facing the rear for better airflow or equipment access.

Features

Distributes Network-Grade Single-Phase Power

- 1.9kW 120V 16A monitored rack PDU (rPDU) with single-phase input/output
- NEMA L5-20P with 10-ft. (3.05 m) cord connects to compatible AC power source
- NEMA 5-20P adapter converts locking input plug to straight-blade plug
- Firmware upgrades support future product enhancements

24 Outlets Distribute AC Power

- 24 NEMA 5-15/20R outlets
- Cord retention bracket prevents cables from becoming accidentally disconnected

Digital Ammeter

Highlights

- 1.9kW 120V 16A monitored PDU
- 24 NEMA 5-15/20R outlets with cord retention brackets
- NEMA L5-20P input with 5-20P adapter and 10-ft. (3.05 m) AC power cord
- Digital ammeter for on-site load monitoring in real time
- Pre-installed WEBCARDLX with latest version of PADM20 for enhanced remote management

Package Includes

- PDUMNV20LX 1.9kW Single-Phase Monitored PDU
- Configuration cable
- (24) Cable ties
- (2) Cord retention brackets
- NEMA 5-20P adapter
- Rack-mounting hardware
- PDUMVROTATEBRKT mounting bracket accessory
- Owner’s manual

- Reports total connected equipment load
- Supports IP-address self-ID
- Rotates 180° for easy reading at either angle

Built-In LX Platform Interface
- 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
- Allows full remote access for power monitoring with email notifications via secure web browser, SNMP, telnet or SSH
- Optional EnviroSense2 modules (sold separately) provide a variety of environmental monitoring capabilities
- No Java required

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

Easy 0U Installation in EIA-Standard 19 in. Racks
- Mounts vertically using included toolless buttons or rack-mounting brackets
- Included PDUMVROTATEBRKT allows mounting with rear-facing outlets

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

Specifications

OVERVIEW	
UPC Code	037332205308
PDU Type	Monitored
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.)	10
Input Cord Length (m)	3.05

OUTPUT	
Output Capacity Details	1.92kW (120V) / 16A total capacity; 16A max per outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(24) 5-15/20R
Output Nominal Voltage	120V
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	Digital meter reports PDU output current in amps, Scroll IP-address information; Display can be rotated 180 degrees for installation with the input cable at the top
Switches	Press the SCROLL IP / ROTATE button and release after one second to display the configured IP address in 2 digit intervals; Press and release after two seconds to rotate the display 180 degrees
SURGE / NOISE SUPPRESSION	
Automatic Shut-Off	No
PHYSICAL	
Material of Construction	Metal
Rack Height	0U
Form Factors Supported	0U vertical rackmount installation supported with included mounting brackets; supports toolless mounting in button-mount compatible racks
PDU Form Factor	Vertical (0U)
Shipping Dimensions (hwd / in.)	5.00 x 6.30 x 73.20
Shipping Dimensions (hwd / cm)	12.70 x 16.00 x 185.93
Shipping Weight (lbs.)	13.30
Shipping Weight (kg)	6.03
Unit Dimensions (hwd / in.)	70.000 x 2.190 x 1.750
Unit Dimensions (hwd / cm)	177.8 x 5.56 x 4.45
Unit Weight (lbs.)	12.2
Unit Weight (kg)	5.53
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	
High Availability PDU Features	Remote Network Notifications
STANDARDS & COMPLIANCE	
Product Certifications	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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