2.9kW Single-Phase Monitored PDU - 120V Outlets (16 5-15/20R), L5-30P, 10 ft. (3.05 m) Cord, 2U Rack-Mount, TAA

MODEL NUMBER: **PDUMNH30**







2U PDU provides real-time local and remote monitoring of voltage, frequency and load levels.

Features

2.9kW Single-Phase Monitored rack PDU (rPDU) with LX Platform InterfacePDUMNH30 distributes and monitors single-phase 120V power to connected rack equipment in data centers, network closets, server rooms, computer rooms and other applications requiring network-grade power. Its built-in network interface allows real-time remote monitoring of voltage, frequency and load levels to prevent overloads that cause expensive downtime. It features 16 NEMA 5-15/20R outlets and a 10-ft. (3.05 m) power cord with NEMA L5-30P plug, which connects the PDU to a compatible AC power source, generator or protected UPS system.

Built-In LX Platform Network Management Interface Card 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.

Digital Load Meter The easy-to-read two-character digital LED meter displays output load levels in three segments: breakered bank 1, breakered bank 2 and total PDU output. Monitoring the individual breakered load banks helps ensure proper balance across the two output load banks. Monitoring total PDU output helps prevent PDU and supply circuit overloads that cause downtime.

Optimized for Demanding Applications The all-metal housing is designed to endure in busy, demanding IT and industrial environments. The included cord retention brackets for the outlets help prevent connected equipment from becoming accidentally disconnected. Real-time clock backup maintains the time of day and date, even if the PDU is shut down and unpowered.

Versatile Installation Options This server rack PDU features a 2U horizontal rack-mount form factor. Mounting flanges support installation in 2- and 4-post racks, with additional support for wall-mount and under-counter installation. Mounting ears are reversible for front- or rear-facing rack-mount installation.

TAA-Compliant for GSA Schedule Purchases The PDUMNH30 monitored power distribution unit is compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

2-Year Warranty and Environmentally Responsible Design This monitored PDU comes with a 2-year

Highlights

- 16 NEMA 5-15/20R outlets with cord retention brackets
- Digital readout monitors current to prevent circuit overload
- Pre-installed WEBCARDLX with latest version of PADM20 for enhanced remote management
- Temperature, humidity and contact-closure monitoring options
- L5-30P input with 10-ft. (3.05 m) cord

Applications

- Give IT personnel enhanced oversight of network power conditions by remotely monitoring site power conditions and PDU load levels
- Provide reliable distribution of AC power to supported equipment in IT, industrial and similar applications
- Configure for 2U rack-mount installation with included hardware, making it easy to integrate with a wide range of data center and network applications

Package Includes

- PDUMNH30 2.9kW Single-Phase Monitored PDU
- Rack-mounting brackets
- Cord retention brackets
- Cable ties
- Owner's manual

limited warranty. It's manufactured in compliance with strict RoHS specifications.

Specifications

OVERVIEW	
UPC Code	037332157652
PDU Type	Monitored
INPUT	
Input Phase	Single-Phase
PDU Input Voltage	120
Recommended Electrical Service	Single-phase 30A 120V service
Maximum Input Amps	24
Maximum Input Amps Details	Agency de-rated to 24A continuous
PDU Plug Type	NEMA L5-30P
Input Cord Length (ft.)	10
Input Cord Length (m)	3.05
OUTPUT	
Output Capacity Details	2.88kW (120V) / 24A total capacity; 20A max per breakered load bank; 16A max per outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(16) 5-15/20R
Output Nominal Voltage	120V
Overload Protection	Two 20A breakers protect 8 outlets each
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	Digital current meter reports PDU output current in amps for 3 loading segments (Bank 1, Bank 2 and Banks 1&2 combined)
Front Panel LEDs	Front panel LEDs indicate which loading segment the digital LCD current display is reporting; Bank 1 current level is reported when the Bank 1 LED is on; Bank 2 current level is reported when the Bank 2 LED is on; Total output of both banks is reported when both LEDs are on
Switches	Toggle switch prompts local display of power consumption in three segments (1) Breakered load bank 1, (2) Breakered load bank 2, (3) Breakered banks 1&2 combined
SURGE / NOISE SUPPRESSION	
Automatic Shut-Off	No
PHYSICAL	
Material of Construction	Metal
Rack Height	2U

Form Factors Supported	1U rackmount
Minimum Required Rack Depth (cm)	44.45
Minimum Required Rack Depth (inches)	17.5
PDU Form Factor	Horizontal (2U)
Shipping Dimensions (hwd / in.)	8.00 x 21.00 x 17.00
Shipping Dimensions (hwd / cm)	20.32 x 53.34 x 43.18
Shipping Weight (lbs.)	16.90
Shipping Weight (kg)	7.67
Unit Dimensions (hwd / in.)	3.500 x 17.500 x 12.500
Unit Dimensions (hwd / cm)	8.9 x 44.5 x 31.8
Unit Weight (lbs.)	13.8
Unit Weight (kg)	6.26
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	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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