

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 PDU with LX Platform Interface Tripp Lite's PDUMNH30 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 Tripp Lite's 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 limited warranty. It's manufactured in compliance with strict RoHS specifications, reflecting Tripp Lite's commitment to environmental responsibility.

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



Specifications

OVERVIEW	
UPC Code	037332157652
PDU Type	Monitored
INPUT	
PDU Input Voltage	100; 120; 127
Recommended Electrical Service	30A 120V
Maximum Input Amps	30
Maximum Input Amps Details	Agency de-rated to 24A continuous
PDU Plug Type	NEMA L5-30P
Input Phase	Single-Phase
Input Cord Length (ft.)	10
Input Cord Length (m)	3.05
OUTPUT	
Output Capacity Details	3.05kW (127V), 2.88kW (120V), 2.4kW (100V) / 30A total capacity (Agency de-rated 24A); 20A max per breakered load bank; 16A max per outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(16) 5-15/20R
Output Nominal Voltage	100; 120; 127
Overload Protection	Two 20A breakers protect 8 outlets each
Customized Load Management Receptacles	n/a
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
PHYSICAL	
Material of Construction	Metal
Minimum Required Rack Depth (cm)	44.45
Minimum Required Rack Depth (inches)	17.5



PDU Form Factor	Horizontal (2U)
Shipping Dimensions (hwd / cm)	20.32 x 53.34 x 43.18
Shipping Dimensions (hwd / in.)	8.00 x 21.00 x 17.00
Shipping Weight (kg)	7.67
Shipping Weight (lbs.)	16.90
Unit Dimensions (hwd / cm)	8.9 x 44.5 x 31.8
Unit Dimensions (hwd / in.)	3.5 x 17.5 x 12.5
Unit Weight (kg)	6.26
Unit Weight (lbs.)	13.8
ENVIRONMENTAL	
Storage Temperature Range	-30°C to +50°C (-22°F to +122°F)
Relative Humidity	5-95% non-condensing
COMMUNICATIONS	
SNMP Compatibility	Pre-installed LX platform interface provides remote monitoring via Java-free HTML5 web interface, telnet, SSH and SNMP management systems
SPECIAL FEATURES	
High Availability PDU Features	Auto Probe Monitoring (included)
STANDARDS & COMPLIANCE	
Certifications	Tested to UL 60950-1 (USA, Canada), FCC Class A (Emissions), NOM (Mexico), RoHS compliant, TAA Compliant
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty

© 2021 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies: <https://www.tripplite.com/products/product-certification-agencies>