

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

MODEL NUMBER: PDUMNH30



Description

Tripp Lite single phase Monitored PDU / Power Distribution Unit offers real-time remote monitoring of voltage, frequency and load levels via built-in network connection. PowerAlert interface supports custom notification of user-specified remote conditions via email, secure web, SNMP, Telnet or SSH interface. PDU lighted digital display enables visual monitoring of PDU output current to prevent circuit overloads as additional equipment is added. Offers reliable rackmount multi-outlet power distribution from any protected UPS, generator or mains input power source. High quality design includes rugged all-metal housing and secure rackmount installation with included mounting accessories.

Features

- 30A single phase 120V Monitored Power Distribution Unit / PDU (agency derated to 24A continuous)
- Attached NEMA L5-30P input with 10ft / 3m line cord
- 2U horizontal rackmount format
- 16 NEMA 5-15/20R outlets
- Lighted display with select button reports output power consumption in amps in 3 segments (bank 1, bank 2 and total)
- Built-in SNMP/ethernet interface reports voltage, frequency and PDU loading via network or secure web browser interface with options for user specified alarm and notification thresholds
- Supports in-rack environmental reporting with optional [ENVIROSENSE](#) temperature / humidity sensor and rack access notification with up to 4 optional [SRSWITCH](#) door sensors
- DHCP/Manual configuration support
- 10/100 Mbps auto-sensing allows optimal communication with 10/100 Base-T networks
- Real-time clock backup maintains the time of day and date even if the PDU is unpowered
- Tiered access privileges allow an administrator and a guest to login via web browser for monitoring
- Alert notifications via email or SNMP traps offer immediate event notification
- Firmware upgrade ability supports future product enhancements.
- Supports HTTP, HTTPS, PowerAlert Network Management System, SMTP, SNMPv1, SNMPv2, SNMPv3, Telnet, SSH, FTP, DHCP, BOOTP, NTP

Highlights

- Monitored 30A 120V PDU, 2U horizontal rackmount
- Reports voltage, frequency & load level via ethernet interface
- Visual current meter, Reversible housing
- L5-30P input with 10ft / 3m line cord
- 16 NEMA 5-15/20R outlets with included cord retention brackets
- Temperature, humidity and contact-closure monitoring options

Applications

- Ideal for datacenters, computer rooms, network closets and other applications requiring network grade monitored power distribution

Package Includes

- Rackmount PDU
- Plug retention plates
- Rack mounting brackets
- Owner's manual



protocols

- Fully compatible with FREE PowerAlert Network Management System / NMS Software
- Mounting flanges support installation in 2 and 4 post racks, with additional support for wall-mount and under-counter installation formats
- Mounting ears are reversible for front or rear facing rackmount installation
- Included cord retention brackets keep vital network equipment plugged in and continuously powered
- TAA Compliant Version Available - Order Tripp Lite [PDUMNH30TAA](#)

Specifications

OVERVIEW	
PDU Type	Monitored
OUTPUT	
Output Capacity Details	2.88kW (120V input), 3.05kW (127V input), 2.4kW (100V input); 30A maximum (agency de-rated to 24A continuous)
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(16) 5-15/20R
Output Nominal Voltage	100-127V nominal, single phase
Overload Protection	Outlets are arranged in two separately breakered 20A banks of 8 outlets each
Outlet Type	NEMA 5-20R
Customized Load Management Receptacles	n/a
Individual Outlet Switching	No
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 Cord Length (ft.)	10
Input Cord Length (m)	3
Input Phase	Single-Phase
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	
Shipping Dimensions (hwd / in.)	8 x 20.5 x 17
Shipping Dimensions (hwd / cm)	20.3 x 52.1 x 43.2
Shipping Weight (lbs.)	16.9
Shipping Weight (kg)	7.7
Unit Dimensions (hwd / in.)	3.5 x 17.5 x 12.5
Unit Dimensions (hwd / cm)	8.9 x 44.5 x 31.8
Unit Weight (lbs.)	13.8
Unit Weight (kg)	6.3
Material of Construction	Metal
PDU Form Factor	Horizontal (1U, 2U, etc)
ENVIRONMENTAL	
Storage Temperature Range	5 to 122F (-15 to 50C)
Relative Humidity	5-95% non-condensing
Operating Elevation (ft.)	0-10,000
Operating Elevation (m)	0-3000
COMMUNICATIONS	
SNMP Compatibility	Pre-installed SNMPWEBCARD provides remote monitoring via web, telnet, and SNMP management systems
CERTIFICATIONS	
TAA Compliant Option	TAA Compliant Version Available - Order Tripp Lite PDUMNH30TAA
Certifications	Tested to UL 60950-1 (USA, Canada), Class A (Emissions), NOM (Mexico), RoHS compliant
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty

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