

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

MODEL NUMBER: PDUMH30NET



Description

Tripp Lite single phase Switched PDU / Power Distribution Unit offers advanced network control and monitoring with the ability to turn on, turn off, recycle or lock-out power to each individual receptacle, monitor site electrical conditions and remotely monitor output power consumption. PowerAlert interface supports remote control and custom notification of user-specified conditions via email, secure web, SNMP, Telnet or SSH interface.

Individually switched outlets can be controlled in real-time to remotely reboot unresponsive network hardware, or be custom programmed for user-defined power-up and power-down sequences to ensure proper startup of interdependent IT systems and prevent inrush-related overloads as network equipment is first energized.

Unused PDU outlets can be electronically locked off to prevent the connection of unauthorized hardware. PDU output current consumption in amps is continuously displayed locally via visual meter and remotely via web/network interface to warn of potential overloads before critical IT mains or branch breakers trip.

Features

- 30A 120V Switched Power Distribution Unit / PDU with built-in web/network interface (Agency derated to 24A continuous)
- Attached L5-30P 120V single phase input, 10 ft. / 3m input cord
- 2U horizontal rackmount form factor
- 16 NEMA 5-15/20R switched outlets
- Supports power-on, power-off or reboot of each outlet on a real-time or programmable basis
- Enables reboot of locked equipment, custom power-on/power-off sequences, load-shedding of optional loads and disabling unused outlets
- Network interface provides PDU control and data regarding input voltage and total output load level in amps
- Digital display continuously reports output load in amps in 3 segments (load bank 1, load bank 2, total)
- Supports user-specified alarm notification thresholds
- 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

Highlights

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

Applications

- Ideal for network configurations requiring a switched, metered and monitored PDU supporting individual outlet rebooting, load shedding and remote web/network current monitoring of critical networking components

Package Includes

- Rackmount PDU
- Installable 2U mounting brackets



- 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
- 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 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
- TAA Compliant Version Available - Order Tripp Lite PDUMH30NETAA

Specifications

OVERVIEW	
PDU Type	Switched
OUTPUT	
Output Capacity Details	2.9kW (120V), 3.0kW (127V), 2.4kW (100V); 30A maximum (agency de-rated to 24A continuous)
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(16) 5-20R
Output Nominal Voltage	100-127V nominal, single phase
Overload Protection	Outlets are arranged in two banks of 8. Each bank is protected by a separate 20A circuit breaker
Outlet Type	NEMA 5-20R
Customized Load Management Receptacles	Each outlet is individually controllable via remote interface
Individual Outlet Switching	Yes
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	



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Front Panel LCD Display	Digital current display with toggle switch reports output load level in 3 segments (Bank 1: Outlets #1-8, Bank 2: Outlets #9-16, Bank 3: All outlets combined)
Front Panel LEDs	16 power availability LEDs confirm power off/on status for each built-in outlet. Two additional LEDs with toggle button identify which bank the visual current meter is reporting (Bank 1, Bank 2 or Bank 1&2 combined)
Switches	Toggle switch advances the digital display to report output current on Bank 1, Bank 2 or Banks 1&2 combined
PHYSICAL	
Shipping Dimensions (hwd / in.)	8 x 20.5 x 17
Shipping Dimensions (hwd / cm)	20.3 x 113 x 80.6
Shipping Weight (lbs.)	17.1
Shipping Weight (kg)	7.8
Unit Dimensions (hwd / in.)	3.5 x 17.5 x 12.5
Unit Dimensions (hwd / cm)	8.9 x 44.5 x 31.75
Unit Weight (lbs.)	13.8
Unit Weight (kg)	6.3
Material of Construction	Metal
Form Factors Supported	2U rackmount. Includes mounting accessories for 4 post installation, requires optional 2POSTRMKITWM for 2 post rackmount installation)
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	Yes, pre-installed SNMPWEBCARD provides remote monitoring via web, telnet, and SNMP management systems. Remote management gives user ability to turn connected loads on or off individually
CERTIFICATIONS	
TAA Compliant Option	TAA Compliant Version Available - Order Tripp Lite PDUMH30NETAA
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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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:

<http://www.tripplite.com/products/product-certification-agencies>