Model #: PDUMH20NET

Single-Phase Switched PDU, 20A 120V, 1U Horizontal Rackmount, NEMA 5-15/20R outlets, NEMA L5-20P input with 5-20P adapter

Highlights

- Switched 20A 120V PDU, 1U horizontal rackmount format
- Reports voltage, frequency & load level via ethernet interface
- Visual current meter, Reversible housing
- NEMA L5-20P input with 5-20P plug adapter, 12 ft. / 3.6m line cord
- 16 NEMA 5-15/20R switched outlets with cord retention brackets
- Temperature, humidity and contact closure monitoring options

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.

Applications

- Ideal for networking applications in datacenters, computer rooms and network closets

Package Includes

- PDU with attached L5-20P input power cord
- 5-20P plug adapter
- Installable 1U mounting brackets
- PowerAlert software
- User manual

Features

- 20A 120V Switched Power Distribution Unit / PDU with built-in web/network interface (Agency derated to 16A continuous)
- Attached NEMA L5-20P input with NEMA 5-20P plug adapter, 12 ft. / 3.6m input cable
- 1U horizontal rackmount form factor
- 16 switched NEMA 5-15/20R outlets (8 front / 8 rear)
- 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 total output load level in amps
- 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
- 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, Telnet, SSH, FTP, DHCP, BOOTP, NTP protocols
- Fully compatible with FREE PowerAlert Network Management System / NMS Software
- 1U horizontal rack installation supported in 2 or 4 post racks with included mounting brackets
- Mounting brackets support wall-mount and under-counter installation in many applications
- Included cord retention brackets

Specifications

OVERVIEW	
Model Type	Switched
PDU Type	Switched
OUTPUT	
Frequency compatibility	60 Hz
Output nominal voltage	120V
Outlet quantity / type	16 NEMA 5-15/20R
Outlet Type	NEMA 5-15/20R
Customized load management receptacles	16 individually controlled outlets
INPUT	
PDU Input Voltage	100; 120; 127
Maximum Input Amps (A)	20
PDU Plug Type	NEMA 5-20P; NEMA L5-20P
Input cord length (ft.)	12
Input cord length (m)	3.66
Voltage compatibility (VAC)	120
Phase	Single-Phase
LEDS ALARMS & SWITCHES	
Front panel LEDs	16 LEDs display power on - off status for each outlet; Digital Current Meter display shows total output power consumption in amps
PHYSICAL	
Shipping weight (lbs)	16
Shipping weight (kg)	7.3
Unit Dimensions (HWD/in)	1.75 (1U) x 17.5 x 15.5

Unit Dimensions (HWD/cm)	4.44 x 44.4 x 39.4
Shipping Dimensions (HWD/in)	5.5 x 23.5 x 21.5
Shipping Dimensions (HWD/cm)	14 x 59.7 x 54.6
Unit weight (lbs)	12.5
Unit weight (kg)	5.7
Material of construction	Steel
Style	Rackmount
Form factors supported	1U rackmount
PDU Form Factor	Horizontal (1U, 2U, etc)
ENVIRONMENTAL	
Relative Humidity	Up to 95% (non-condensing)
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
SPECIAL FEATURES	
Appearance	Black 1U rackmount steel chassis
CERTIFICATIONS	
Certifications	Tested to UL 60950-1 (USA, Canada), Class A (Emissions), NOM (Mexico), RoHS compliant
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty

Related Items

Optional Products

Product Type	Related Model	Description	Qty.
Extended Warranties	WEXT3-PDU-NET	3-Year Extended Warranty - For Switched PDUs ending with NET	1
Extended Warranties	WEXT5-PDU-NET	5-Year Extended Warranty - For Switched PDUs ending with NET	1
Power Cables	P007-002	2-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	1
Power Cables	P007-006	6-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	1
Power Cables	P007-010	10-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	1
Power Cables	P010-012	12-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13)	1
Power Cables	P022-001	1-ft. 18AWG Power Extension cord (NEMA 5-15R to NEMA 5-15P)	1
Power Cables	P023-001	1-ft. 14AWG Power Adapter cord (NEMA L5-15R to NEMA 5-15P)	1

Power Cables	P034-010	10-ft. 14AWG Heavy Duty Power cord (IEC-320-C19 to NEMA 5-15P)	1
Power Cables	P043-002	2-ft. 10AWG Heavy Duty Power Cord with 20 AMP Breaker, (NEMA L5-30P to NEMA L5-20R)	1
Power Cables	P044-06I	6-inch 12AWG Heavy Duty Power Adapter cord (NEMA-L5-20R to NEMA-5-20P)	1
Power Cables	P049-010	10-ft. 12AWG Heavy Duty Power cord (IEC-320-C19 to NEMA 5-20P)	1
SNMP Accessories	ENVIROSENSE	Monitors temperature, humidity and contact-closure inputs. (Requires SNMPWEBCARD or switched PDU.)	1
SNMP Accessories	SRSWITCH	Magnetic Door Switch Kit for front and rear doors; requires ENVIROSENSE	1

More information, including related products, owner's manuals, and additional technical specifications, can be found online at

www.tripplite.com/en/products/model.cfm?txtModelID=4800.