Management Interface

The management interface for this PDU model is transitioning to a new technology platform. The new interface can be distinguished by a USB-A port (for EnviroSense2 modules) in place of the round ENVIROSENSE port. For managing the units containing the round port, Tripp Lite recommends using the PowerAlert Console Launcher rather than a web browser. This application enables local access of the PDU using a self-contained, compatible Java Runtime Environment version. The Console Launcher can be downloaded for free; click the above link or go to the Management Solutions / Utilities page. Units with the new interface work will with most current web browsers.

1.9kW Single-Phase Switched PDU, 120V Outlets (16 5-15/20R), L5-20P/5-20P input, 12ft Cord, 1U Rack-Mount, TAA

MODEL NUMBER: **PDUMH20NET**

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
- TAA Compliant

Package Includes

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

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

- 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, 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
- Compliant with the Federal Trade Agreements Act(TAA) for GSA Schedule purchases

Specifications

OVERVIEW	
PDU Type	Switched
OUTPUT	
Output Capacity Details	2.03kW (127V), 1.92kW (120V), 1.6kW (100V) / 20A total capacity (Agency de-rated to 16A); 16A max per outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(16) 5-15/20R
Output Nominal Voltage	100; 120; 127
Overload Protection	n/a
Customized Load Management Receptacles	16 individually switched output receptacles
INPUT	
PDU Input Voltage	100; 120; 127
Recommended Electrical Service	20A 120V
Maximum Input Amps	20
Maximum Input Amps Details	Agency de-rated to 16A continuous
PDU Plug Type	NEMA 5-20P; NEMA L5-20P
Input Cord Length (ft.)	12

Input Cord Length (m)	3.66
Input Phase	Single-Phase

USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	Digital display reports total PDU output current in amps
Front Panel LEDs	16 LEDs display power on-off status for each output receptacle
Switches	n/a

PHYSICAL	
Minimum Required Rack Depth (inches)	20.5
Minimum Required Rack Depth (cm)	52.1
Shipping Dimensions (hwd / in.)	5.4 x 20.6 x 23.3
Shipping Dimensions (hwd / cm)	13.7 x 52.3 x 59.2
Shipping Weight (lbs.)	16.7
Shipping Weight (kg)	7.6
Unit Dimensions (hwd / in.)	1.75 x 17.5 x 15.5
Unit Dimensions (hwd / cm)	4.44 x 44.4 x 39.4
Unit Weight (lbs.)	12.5
Unit Weight (kg)	5.7
Material of Construction	Metal
Form Factors Supported	1U rackmount
PDU Form Factor	1U; Horizontal

ENVIRONMENTAL	
Storage Temperature Range	5 to 122F (-15 to 50C)
Relative Humidity	5 to 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

SPECIAL FEATURES	
TVSS Grounding	Grounding lug

CERTIFICATIONS

Certifications	Tested to UL 60950-1 (USA), CSA (Canada), Class A (Emissions), NOM (Mexico), RoHS compliant, TAA Compliant
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty

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