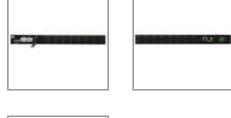### Management Interface

The management interface for this PDU model has transitioned to a new technology platform. The new LX Platform 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 with LX Platform Interface, 120V Outlets (16 5-15/20R), L5-20P/5-20P input, 12ft Cord, 1U Rack-Mount, TAA

MODEL NUMBER: **PDUMH20NET**

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. The built-in Java-free HTML5-based LX Platform network interface enables full remote access for PDU status monitoring and email notifications via secure web browser, SNMP, telnet or SSH. It supports 10/100 Mbps auto-sensing for optimum communication with an Ethernet network. Optional EnviroSense2 modules (sold separately) provide a variety of environmental monitoring capabilities. Protocols supported include IPv4, IPv6, HTTP, HTTPS, SMTP, SNMPv1, SNMPv2, SNMPv3, telnet, SSH, FTP, DHCP and NTP. 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)

Highlights

- 1.9kW 120V Switched 20A 1U rackmount PDU, Reversible housing

- LX Platform network interface enables remote control and monitoring

- Reports voltage, frequency and load level; Front-panel digital current meter

- 16 Switched NEMA 5-15/20R outlets and 12ft./3.6m NEMA L5-20P / 5-20P input cord

- Federal Trade Agreements Act / TAA Compliant for GSA Schedule purchases

- To enable the Auto Probe feature, this product requires LX firmware update 15.5.2 or later to be installed

Package Includes

- PDU with attached L5-20P power cord and WEBCARDLX network interface

- L5-20R-to-5-20P plug adapter

- 1U mounting brackets

- Configuration cable

- User manual

- 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
- LX Platform interface allows full remote access for power monitoring with email notifications via secure web browser, SNMP, telnet or SSH
- 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, NTP protocols
- Reduce Service Calls with Auto Probe Autonomous Device Management.The Auto Probe feature (Firmware 15.5.2 and greater) checks the connectivity status of any networked device and automatically takes one or more user-configured actions if the device fails to respond; actions include outlet reboot, set SNMP traps, SNMP OID sets, and even script execution when used in conjunction with the Tripp Lite PowerAlert Network Shutdown Agent (PANSA).
- Optional EnviroSense2 modules (sold separately) provide a variety of environmental monitoring capabilities
- 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	
UPC Code	037332157683
PDU Type	Switched
OUTPUT	
Frequency Compatibility	50 / 60 Hz

Output Capacity Details	1.92kW (120V), 1.6kW (100V) / 20A total capacity (Agency de-rated to 16A); 16A max per outlet
Output Receptacles	(16) 5-15/20R
Output Nominal Voltage	100; 120
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	20.0
Maximum Input Amps Details	Agency de-rated to 16A continuous
PDU Plug Type	NEMA 5-20P; NEMA L5-20P
Input Phase	Single-Phase
Input Cord Length (ft.)	12
Input Cord Length (m)	3.66

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. Pre-installed WEBCARDLX provides Ethernet Link and Status LED's for network activity along with a system status LED for monitoring system operation.
Switches	Recessed reset button for rebooting SNMP management card without affecting AC output to connected equipment

PHYSICAL

Form Factors Supported	1U rackmount
Material of Construction	Metal
Minimum Required Rack Depth (cm)	52.07
Minimum Required Rack Depth (inches)	20.5
PDU Form Factor	Horizontal (1U)
Shipping Dimensions (hwd / cm)	13.72 x 52.32 x 59.18
Shipping Dimensions (hwd / in.)	5.40 x 20.60 x 23.30
Shipping Weight (kg)	7.57
Shipping Weight (lbs.)	16.70
Unit Dimensions (hwd / cm)	4.44 x 44.4 x 39.4
Unit Dimensions (hwd / in.)	1.75 x 17.5 x 15.5
Unit Weight (kg)	5.67
Unit Weight (lbs.)	12.50

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	Pre-installed LX platform interface provides remote monitoring via Java-free HTML5 web interface, telnet, SSH and SNMP management systems

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