

## 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 Monitored PDU, 120V Outlets (8 5-15/20R), L5-20P/5-20P Adapter, 12 ft. Cord, 1U Rack-Mount, LX Platform Interface, TAA

MODEL NUMBER: PDUMNH20



## Highlights

- Monitored 20A 120V PDU, 1U horizontal rackmount format
- Reports voltage, frequency & load level via ethernet interface
- Built-In LX Platform Interface, Current meter, Reversible housing
- NEMA L5-20P input with included 5-20P plug adapter
- 8 NEMA 5-15/20R outlets with included cord retention brackets
- Temperature, humidity and contact-closure monitoring options
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

## Package Includes

Rack-mount PDU  
Built-in LX Platform interface  
L5-20R to 5-20P adapter  
Plug retention plates  
Rack-mounting brackets  
Owner's manual

## Description

Offers real-time remote monitoring of voltage, frequency and load levels via built-in network connection. 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 HTTP, HTTPS, SMTP, SNMPv1, SNMPv2, SNMPv3, telnet, SSH, FTP, DHCP and NTP.

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

- 20A single phase 120V Monitored Power Distribution Unit / PDU (agency derated to 16A continuous)
- Attached NEMA L5-20P input plug with NEMA 5-20P adapter and 12ft / 3.6m line cord
- 1U horizontal rackmount installation format supports installation in 2 or 4 post equipment racks
- 8 NEMA 5-15R outlets
- Lighted display reports output power consumption in amps



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- LX Platform interface allows full remote access for power monitoring with email notifications via secure web browser, SNMP, telnet or SSH
- Optional EnviroSense2 modules (sold separately) provide a variety of environmental monitoring capabilities
- 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.
- 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
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

## Specifications

OVERVIEW	
PDU Type	Monitored
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	(8) 5-15/20R
Output Nominal Voltage	100; 120; 127
Overload Protection	n/a
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 meter reports PDU output current in amps
Switches	n/a



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LED Indicators	n/a
<b>PHYSICAL</b>	
Minimum Required Rack Depth (inches)	11.2
Minimum Required Rack Depth (cm)	28.45
Shipping Dimensions (hwd / in.)	2.09 x 11 x 20.5
Shipping Dimensions (hwd / cm)	5.3 x 27.9 x 52.1
Shipping Weight (lbs.)	7
Shipping Weight (kg)	3.2
Unit Dimensions (hwd / in.)	1.7 x 17.3 x 6.2
Unit Dimensions (hwd / cm)	4.3 x 43.9 x 15.7
Unit Weight (lbs.)	7
Unit Weight (kg)	3.18
Material of Construction	Metal
Form Factors Supported	1U horizontal rackmount in 2 or 4 post racks
PDU Form Factor	1U; Horizontal
Minimum Required Rack Depth (mm)	284
<b>ENVIRONMENTAL</b>	
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
<b>COMMUNICATIONS</b>	
SNMP Compatibility	Pre-installed <a href="#">WEBCARDLX</a> network interface
<b>CERTIFICATIONS</b>	
Certifications	Tested to UL 60950 (USA), CSA (Canada), Class A (Emissions), NOM (Mexico), RoHS compliant, TAA Compliant
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	2-year limited warranty

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