**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 will work with most current web browsers.

# 1.9kW Single-Phase Switched PDU, LX Platform, Outlet Monitoring, 120V Outlets (24 NEMA 5-15/20R), L5-20P Plug, 0U, TAA

## MODEL NUMBER: PDUMVR20NETLX

**Description**

The PDUMVR20NETLX 1.9kW Single-Phase Switched PDU with individual outlet metering provides advanced network control and remote power monitoring with the ability to turn on, turn off, reboot or lock out power to each outlet. By reducing the frequency of on-site visits, these advanced remote capabilities can save you money and reduce downtime.

The switched PDU features 24 individually controllable NEMA 5-15/20R outlets with cord retention brackets to prevent cables from becoming accidentally disconnected. A 10-foot power cord with NEMA L5-20P plug and optional 5-20P adapter connects the PDU to an AC source, generator or protected UPS.

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.

A digital ammeter allows you to monitor each load bank's current, each outlet's current and the total connected PDU load in real time to ensure they remain well below maximum capacity with no danger of overload. The switched PDU mounts in 0U of space in EIA-standard 19-inch racks using the included toolless mounting buttons or the included rack-mounting brackets.

## Features

**Distributes, Monitors and Manages Network-Grade AC Power**

- 1.9kW 120V 20A switched PDU with single-phase input
- 10 ft. power cord with NEMA L5-20P plug and 5-20P adapter
- Firmware upgrades support future product enhancements

**24 NEMA 5-15/20R Switched Outlets Distribute AC Power**

- Individual outlets can be remotely controlled to power up, power down, reboot or lock out devices
- Included cord retention brackets prevent cables from becoming accidentally disconnected

**Digital Ammeter**

- Reports current for each load bank, each individual outlet, and total PDU load
- Supports IP-address self-ID
- Digits flip 180° for easy reading at either angle

**Built-In LX Platform Interface**

- Allows full remote access for power monitoring with email notifications via secure web browser, SNMP, telnet or SSH
- Supports 10/100 Mbps auto-sensing for communication with an Ethernet network
- Optional EnviroSense2 modules (sold separately) provide a variety of environmental monitoring capabilities
- No Java required

**Broad Communications Compatibility**

- Supports IPv4, IPv6, HTTP, HTTPS, SMTP, SNMPv1, SNMPv2, SNMPv3, telnet, SSH, FTP, DHCP and NTP
- Supports automatic and manual assignment of IP address

**Essential Safety Features**

- Tiered access allows administrator and guest to log in via web browser
- Immediate alert notifications via email or SNMP traps
- Supports user-specified alarm notification thresholds
- Real-time clock backup maintains day/date even if PDU is unpowered

**Easy 0U Installation in EIA-Standard 19 in. Racks**

- 70 in. PDU mounts vertically using included toolless buttons or rack-mounting brackets
- Included PDUMVROTATEBRKT allows mounting with rear-facing outlets

**TAA-Compliant**

- 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 | (24) 5-15/20R |
| Output Nominal Voltage | 100; 120; 127 |
| Overload Protection | n/a |
| Customized Load Management Receptacles | Each outlet is individually controllable via remote interface |

## 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.) | 10 |
| Input Cord Length (m) | 3.05 |
| Input Phase | Single-Phase |

## USER INTERFACE, ALERTS & CONTROLS

| | |
|---|---|
| Front Panel LCD Display | Digital display reports load level in amps for LOAD BANK 1 (Outlets 1-12), LOAD BANK 2 (Outlets 13-24), LOAD BANKS 1&2 COMBINED (Outlets 1-24) and each individual output receptacle; Digital display can also be used to scroll the configured IP address |
| Front Panel LEDs | BANK 1 and BANK 2 LEDs verify which load bank the digital current display is reporting (Bank 1, Bank 2 or Banks 1&2 Combined); BANK 1 or BANK 2 LED will flash when the digital display is reporting output current for one of the outlets in that load bank; 24 additional LEDs, one near each output receptacle, will light continuously to verify power on/off status and flash to indicate that the digital display is reporting output current for just that individual receptacle |
| Switches | SELECT OUTLET and SELECT BANK switches advance the LCD screen and associated LED to display power consumption for individual output receptacles and output load banks; Press and hold the SELECT BANK button for 4 seconds to rotate the digital display 90 degrees for overhead power input; Press and hold the SELECT OUTLET button for 4 seconds to scroll the configured IP address |

## PHYSICAL

| | |
|---|---|
| Shipping Dimensions (hwd / in.) | 4.5 x 6.1 x 75.8 |
| Shipping Dimensions (hwd / cm) | 11.4 x 15.5 x 192.5 |
| Shipping Weight (lbs.) | 14.9 |
| Shipping Weight (kg) | 6.8 |
| Unit Dimensions (hwd / in.) | 70 x 2.2 x 2.04 |
| Unit Dimensions (hwd / cm) | 178 x 5.6 x 5.2 |
| Unit Weight (lbs.) | 9.6 |

| | |
|---|---|
| Unit Weight (kg) | 4.35 |
| Form Factors Supported | 0U vertical rackmount; includes rackmount brackets. Supports toolless mounting in button-mount compatible racks |
| PDU Form Factor | 0U; Vertical |
| **ENVIRONMENTAL** | |
| Storage Temperature Range | 5 to 140F (-15 to 60C) |
| Relative Humidity | 5 to 95% non-condensing |
| Operating Elevation (ft.) | 0-10,000 |
| Operating Elevation (m) | 0-3000 |
| **COMMUNICATIONS** | |
| SNMP Compatibility | Built-in LX Platform Interface |
| **CERTIFICATIONS** | |
| Certifications | Tested to UL60950-1: 2007 R12.11 (USA), CAN/CSA-C22.2 NO. 60950-1-07+A1: 2011(Canada), FCC CLASS A PART 15 (Emissions), NOM (Mexico), RoHS compliant, TAA Compliant |
| **WARRANTY** | |
| Product Warranty Period (Worldwide) | 2-year limited warranty |