Management Interface
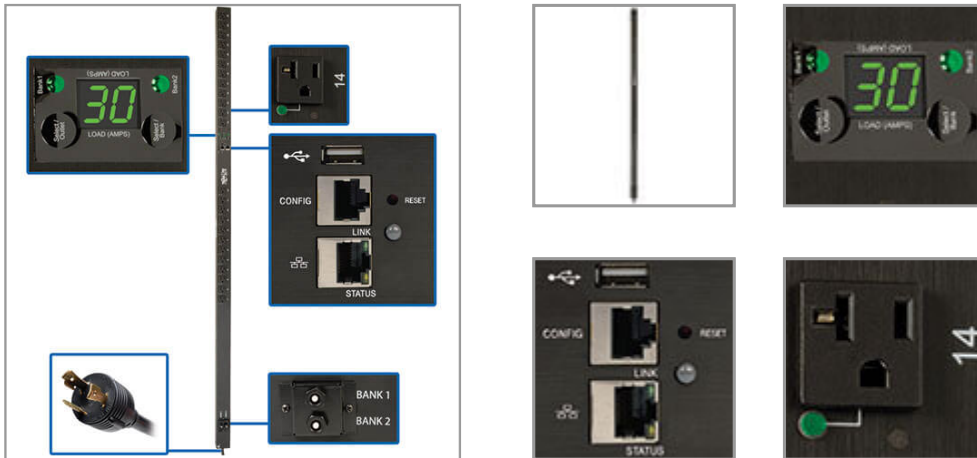
ENVIROSENSEPowerAlert Console Launcher

2.9kW Single-Phase Switched PDU, LX Platform, Outlet Monitoring, 120V Outlets (24 NEMA 5-15/20R), L5-30P Plug, 0U, TAA

MODEL NUMBER: **PDUMVR30NETLX**

2.9kW vertical PDU with individual outlet metering distributes, monitors and manages single-phase power. Built-in Java-free network interface helps you remotely monitor load levels to prevent overloads that cause downtime.

Description

The PDUMVR30NETLX 2.9kW 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 included cord retention brackets to prevent cables from becoming accidentally disconnected. A 10-foot power cord with NEMA L5-30P plug 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

Highlights

- 2.9kW 120V single-phase switched 70-inch 0U PDU
- 24 controllable NEMA 5-15/20R outlets in 2 load banks
- Built-in Java-free LX Platform interface for 24/7 remote access
- Digital ammeter for on-site load monitoring in real time
- NEMA L5-30P input with 10 ft. AC power cord

Package Includes

- PDUMVR30NETLX 2.9kW Single-Phase Switched PDU
- Built-in LX Platform interface
- Configuration cable
- Cord retention brackets
- (24) Cable ties
- Rack-mounting hardware
- PDUMVROTATEBRKT mounting bracket accessory
- Owner's manual

toolless mounting buttons or the included rack-mounting brackets.

Features

Distributes, Monitors and Manages Network-Grade AC Power

- 2.9kW 120V switched PDU with single-phase input
- NEMA L5-30P plug with 10 ft. cord connects to compatible AC power source
- Firmware upgrades support future product enhancements

24 Switched NEMA 5-15/20R 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	
UPC Code	037332204158
PDU Type	Switched

OUTPUT	
Output Capacity Details	3.05kW (127V), 2.88kW (120V), 2.4kW (100V) / 30A total capacity (Agency de-rated 24A); 20A max per breakered load bank; 16A max per outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(24) 5-15/20R
Output Nominal Voltage	100-127V nominal, single phase
Overload Protection	Two 20A breakers protect 12 outlets each
Customized Load Management Receptacles	Each outlet is individually controllable via remote interface

INPUT	
PDU Input Voltage	100; 120; 127
Recommended Electrical Service	30A 120V
Maximum Input Amps	30
Maximum Input Amps Details	Agency de-rated to 24A continuous
PDU Plug Type	NEMA L5-30P
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
Current Measurement Accuracy (Amps)	+/-1%

Voltage Measurement Accuracy (Volts)	+/-1%
Power Measurement Accuracy (Watts)	+/-1%

PHYSICAL	
Shipping Dimensions (hwd / in.)	5.40 x 6.80 x 76.10
Shipping Dimensions (hwd / cm)	13.72 x 17.27 x 193.29
Shipping Weight (lbs.)	16.10
Shipping Weight (kg)	7.30
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.)	9.94
Unit Weight (kg)	4.51
Form Factors Supported	0U vertical rackmount; includes rackmount brackets. Supports toolless mounting in button-mount compatible racks
PDU Form Factor	Vertical (0U)

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

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