

2.9kW Single-Phase Switched PDU, 120V Outlets (24 5-15/20R), L5-30P, 10ft Cord, 0U Vertical, TAA

MODEL NUMBER: PDUMV30NET



Description

Tripp Lite 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 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

- 120V Switched PDU with built-in web/network interface in 0U 70 inch / 178cm vertical rackmount form factor; 30A maximum capacity (agency de-rated to 24 amps)
- 10 ft. / 3m cable with L5-30P input plug
- 24 switched NEMA 5-15/20R outlets
- 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, frequency and loading information
- Digital display reports load level information in amps in 3 segments (bank 1, bank 2 and total)
- Display also supports IP-address self-identification and electronic 180 degree display rotation
- 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

Highlights

- Switched 30A 120V PDU; 70in / 178cm 0U Vertical Rackmount
- Reports voltage, frequency & loading information via ethernet interface
- Visual current meter; Toolless button mount installation
- 10 ft / 3m input cord with L5-30P input plug
- 24 switched NEMA 5-15/20R outlets; Cord retention brackets
- Temperature, humidity and contact-closure monitoring options
- TAA Compliant

Package Includes

- Rackmount PDU
- Rackmount brackets
- Owner's manual
- [PDUMVROTATEBRKT](#) mounting accessory



- Real-time clock backup maintains the time of day and date even if the PDU is not powered on
- 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, Telnet, SSH, FTP, DHCP, BOOTP, NTP protocols
- Fully compatible with FREE PowerAlert Network Management System / NMS Software
- Included cord retention brackets
- Toolless mounting supported in button-mount compatible racks
- Included [PDUM/ROTATEBRKT](#) enables space saving toolless installation in button-mount compatible racks with PDU outlets facing the rear
- Federal Trade Agreements Act / TAA Compliant for GSA Schedule purchases

Specifications

OVERVIEW	
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; 120; 127
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
Input Phase	Single-Phase
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	Digital display reports output amps in 3 separately metered loading segments (BANK 1: Outlets #1-12; BANK 2: Outlets #13-24; BANK 3: All outlets combined)



Front Panel LEDs	24 power availability LEDs confirm power off/on status for each built-in outlet
Switches	Pushbutton scroll button enables local power consumption display of each load bank, display rotate and display IP address functions
PHYSICAL	
Shipping Dimensions (hwd / in.)	4 x 6 x 72.5
Shipping Dimensions (hwd / cm)	10.2 x 15.2 x 184
Shipping Weight (lbs.)	16.5
Shipping Weight (kg)	7.5
Unit Dimensions (hwd / in.)	70 x 2.19 x 2.65
Unit Dimensions (hwd / cm)	177.8 x 5.6 x 6.73
Unit Weight (lbs.)	14.1
Unit Weight (kg)	6.4
Form Factors Supported	0U vertical rackmount; includes rackmount brackets. Supports toolless mounting in button-mount compatible racks
PDU Form Factor	0U; Vertical
ENVIRONMENTAL	
Relative Humidity	0-95% non-condensing
COMMUNICATIONS	
SNMP Compatibility	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
CERTIFICATIONS	
Certifications	Tested to UL 60950-1 (USA, Canada), FCC Class A Part 15 (Emissions), NOM (Mexico), RoHS compliant, TAA Compliant
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty

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