

1.9kW Single-Phase Switched PDU, 120V Outlets (24 5-15/20R), L5-20P/5-20P, 10ft Cord, 0U Vertical, TAA

MODEL NUMBER: PDUMV20NET



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. 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 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

- 120V Switched PDU with built-in web/network interface in 0U 70in / 178cm vertical rackmount form factor; 20A maximum capacity (agency derated to 16A continuous)
- Attached NEMA L5-20P 120V single phase input with 5-20P plug adapter, 10 ft. / 3m input cord
- 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 and total output load level in amps

Highlights

- Switched 20A 120V PDU, 0U 70 in. / 178cm Vertical Rackmount Format
- Reports voltage, frequency & load level via ethernet interface
- Visual current meter, Toolless button mount installation
- NEMA L5-20P input with 5-20P adapter, attached 10 ft. / 3m cord
- 24 switched NEMA 5-15/20R outlets with cord retention brackets
- Temperature, humidity and contact closure monitoring options
- Federal Trade Agreements Act / TAA Compliant for GSA Schedule purchases

Package Includes

- Rackmount PDU
- L5-20R to 5-15/20P adapter
- Rackmount brackets
- [PDUMVROTATEBRKT](#)



- Digital display continuously reports output load in amps
- Display also supports IP-address self-identification and 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
- 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, BOOTP, NTP protocols
- Fully compatible with FREE PowerAlert Network Management System / NMS Software
- Included cord retention brackets keep vital network equipment plugged in and continuously powered
- Toolless mounting supported in button-mount compatible racks, plus nut-and-bolt mounting brackets for other mounting applications
- Federal Trade Agreements Act / TAA Compliant 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 |
| Input Phase | Single-Phase |
| USER INTERFACE, ALERTS & CONTROLS | |
| Front Panel LCD Display | Digital meter reports PDU output current in amps |
| Front Panel LEDs | 24 power availability LEDs confirm power off/on status for each built-in outlet |
| 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.) | 15.5 |
| Shipping Weight (kg) | 7 |
| Unit Dimensions (hwd / in.) | 70 x 2.19 x 2.65 |
| Unit Dimensions (hwd / cm) | 178 x 5.6 x 6.7 |
| Unit Weight (lbs.) | 10 |
| Unit Weight (kg) | 4.5 |
| 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 <u>SNMPWEBCARD</u> provides remote monitoring via web, Telnet, and SNMP management systems. Remote management enables outlets to be turned on and off individually |
| CERTIFICATIONS | |
| Certifications | Tested to UL 60950-1 (USA, Canada), Class A (Emissions), NOM (Mexico), RoHS compliant, TAA Compliant |
| WARRANTY | |
| Product Warranty Period (Worldwide) | 2-year limited warranty |

© 2017 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies:



Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

<https://www.tripplite.com/products/product-certification-agencies>