

Single-Phase Switched PDU, 1.9kW 20A 120V, 0U Vertical Rackmount, 24 NEMA 5-15/20R outlets, NEMA L5-20P input with 5-20P adapter

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
- 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

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

Applications

- Ideal for network configurations requiring a switched, metered and monitored PDU supporting individual outlet rebooting, load shedding and remote web/network current monitoring of critical networking components

Package Includes

- Rackmount PDU
- L5-20R to 5-15/20P adapter
- Rackmount brackets
- PDUMVROTATEBRKT



- 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, 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

Specifications

OVERVIEW	
PDU Type	Switched
OUTPUT	
Output Capacity Details	1.9kW (120V input), 2.0kW (127V input), 1.6kW (100V input); 20A maximum (Agency de-rated to 16A continuous)
Frequency compatibility	50 / 60 Hz
Output nominal voltage	100-127V nominal, single phase
Outlet quantity / type	24 x 5-15/20R
Outlet Type	NEMA 5-15R, NEMA 5-20R
Customized load management receptacles	Each outlet is individually controllable via remote interface
INPUT	
PDU Input Voltage	100; 120; 127
Maximum Input Amps (A)	20
Maximum Input Amps (A) 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
Phase	Single-Phase
LEDS ALARMS & SWITCHES	
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
Style	Vertical Rackmount
Form factors supported	0U vertical rackmount; includes rackmount brackets. Supports toolless mounting in button-mount compatible racks
PDU Form Factor	Vertical (0U)
ENVIRONMENTAL	
Relative Humidity	0-95% non-condensing
COMMUNICATIONS	
SNMP compatibility	Pre-installed SNMPWEBCARD provides remote monitoring via web, telnet, and Pre-installed SNMPWEBCARD 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
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty

Related Items

Optional Products

Model Number	Description	Qty.
WEXT3-PDU-NET	3-Year Extended Warranty - For Switched PDUs ending with NET	1

More information, including related products, owner's manuals, and additional technical specifications, can be found online at:

<http://www.tripplite.com/sku/PDUMV20NET>.