

## Single-Phase Monitored PDU, 1.9kW 20A 120V, 70 in. 0U Vertical Rackmount, 24 NEMA 5-15/20R outlets, NEMA L5-20P input with 5-20P adapter

MODEL NUMBER: PDUMNV20



### Description

Tripp Lite Monitored PDU / Power Distribution Unit offers real-time remote monitoring of voltage, frequency and load levels via built-in network connection. PowerAlert interface supports custom notification of user-specified remote conditions via email, secure web, SNMP, Telnet or SSH interface. PDU output current consumption in amps is displayed via front panel lighted digital display and can be monitored remotely to warn of potential overloads before critical IT mains breakers trip.

### Features

- 120V Monitored PDU with built-in web/network interface in 0U 70 in. / 178cm rackmount form factor; 20A maximum capacity (agency de-rated to 16A)
- Attached 10 ft. / 3m NEMA L5-20P input cable with NEMA 5-20P adapter included
- 24 NEMA 5-15/20R outlets
- 0U 70 in. / 178cm vertical rackmount form factor
- Network interface provides PDU control and data regarding input voltage, frequency and loading information
- Digital display reports load level information in amps
- 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, Telnet, SSH, FTP, DHCP, BOOTP, NTP protocols
- Fully compatible with FREE PowerAlert Network Management System / NMS Software

### Highlights

- Monitored 20A 120V PDU, 0U 70in / 178cm vertical rackmount
- Reports voltage, frequency and load level via ethernet interface
- Visual current meter, Toolless button-mount installation
- NEMA L5-20P input with 5-20P adapter and 10ft / 3m line cord
- 24 NEMA 5-15/20R outlets with included cord retention brackets
- Temperature, humidity and contact closure monitoring options

### Applications

- Ideal for datacenters, computer rooms, network closets and other applications requiring network grade monitored power distribution

### Package Includes

- Rackmount PDU
- Plug retention plates
- Rack mounting brackets
- Owner's manual
- L5-20R to 5-15/20P adapter



- Included cord retention brackets
- Toolless mounting supported in button-mount compatible racks, plus nut-and-bolt mounting brackets for other mounting applications
- TAA Compliant Version Available - Order Tripp Lite PDUMNV20TAA

## Specifications

OVERVIEW	
PDU Type	Monitored
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 5-15/20R
Outlet Type	NEMA 5-20R
INPUT	
PDU Input Voltage	100; 120; 127
Maximum Input Amps (A)	20
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	Front panel digital display confirms power availability and PDU output current level in 1 amp increments
PHYSICAL	
Shipping Dimensions (HWD/in)	72.5 x 4 x 6
Shipping Dimensions (HWD/cm)	184.2 x 10.2 x 15.2
Shipping weight (lbs)	12.2
Shipping weight (kg)	5.5
Unit Dimensions (HWD/in)	70 x 2.19 x 1.75
Unit Dimensions (HWD/cm)	177.8 x 5.56 x 4.45
Unit weight (lbs)	12.2
Unit weight (kg)	5.5
Style	Vertical Rackmount



Form factors supported	0U vertical rackmount installation supported with included mounting brackets; supports toolless mounting in button-mount compatible racks
PDU Form Factor	Vertical (0U)
<b>ENVIRONMENTAL</b>	
Relative Humidity	0-95% non-condensing
<b>COMMUNICATIONS</b>	
SNMP compatibility	Pre-installed <a href="#">SNMPWEBCARD</a> provides remote monitoring via web, telnet, and SNMP management systems
<b>CERTIFICATIONS</b>	
TAA Compliant Option	TAA Compliant Version Available - Order Tripp Lite PDUMNV20TAA
Certifications	Tested to UL 60950-1 (USA, Canada), FCC Class A, Part 15 (Emissions), NOM (Mexico), RoHS compliant
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	2-year limited warranty

## Related Items

### Optional Products

Model Number	Description	Qty.
<a href="#">WEXT3-PDU-MN</a>	3-Year Extended Warranty - For MN Monitored PDUs	1
<a href="#">WEXT5-PDU-MN</a>	5-Year Extended Warranty - For MN Monitored PDUs	1
<a href="#">ENVIROSENSE</a>	Monitors temperature, humidity and contact-closure inputs. (Requires SNMPWEBCARD or switched PDU.)	1
<a href="#">SR SWITCH</a>	Magnetic Door Switch Kit (2-pack for front and rear doors; requires ENVIROSENSE.)	1
<a href="#">P006-006-13LA</a>	6-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13 Left Angle)	1
<a href="#">P006-006-13RA</a>	6-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13 Right Angle)	1
<a href="#">P007-002</a>	2-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	1
<a href="#">P030-002-5</a>	5-Pack of 2-ft. 18AWG Power Cords NEMA 5-15P to IEC-320-C13)	1
<a href="#">P006-003</a>	3-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13)	1
<a href="#">P006-004</a>	4-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13)	1
<a href="#">P006-004-BL</a>	4-ft. 18AWG Power Cord (NEMA 5-15P to IEC-320-C13) with Blue Connectors	1
<a href="#">P006-004-GN</a>	4-ft. 18AWG Power Cord (NEMA 5-15P to IEC-320-C13) with Green Connectors	1
<a href="#">P006-004-RD</a>	4-ft. 18AWG Power Cord (NEMA 5-15P to IEC-320-C13) with Red Connectors	1
<a href="#">P006-004-YW</a>	4-ft. 18AWG Power Cord (NEMA 5-15P to IEC-320-C13) with Yellow Connectors	1
<a href="#">P006-006</a>	6-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13)	1



P007-006	6-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	1
P006-006-2	6-ft. AC Power Splitter Cable (NEMA 5-15P to 2 x IEC-320-C13)	1
P006-006-515MF	6 ft. Piggyback Power Cord (NEMA 5-15P/R to IEC-320-C13 )	1
P007-010	10-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	1
P049-010	10-ft. 12AWG Heavy Duty Power cord (IEC-320-C19 to NEMA 5-20P)	1
P006-010	10-ft. 18AWG Power cord ( NEMA 5-15P to IEC-320-C13)	1
P010-012	12-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13)	1
P043-002	2-ft. 10AWG Heavy Duty Power Cord with 20 AMP Breaker, (NEMA L5-30P to NEMA L5-20R)	1
P044-06I	6-inch 12AWG Heavy Duty Power Adapter cord (NEMA-L5-20R to NEMA-5-20P)	1

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

<http://www.tripplite.com/sku/PDUMNV20>.

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