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## Model #: PDUMNH20

**Single-Phase Monitored PDU, 20A 120V, 1U Horizontal Rackmount, NEMA 5-15/20R outlets, NEMA L5-20P input with 5-20P adapter**

### Highlights

- 1U Rackmount MONITORED PDU with local and remote current reporting
- 120V 20A max capacity with 5-20P and L5-20P input plug options and 8 5-15/20R outlets
- Reports PDU load level, input voltage and frequency over built-in network interface
- Additional support for environmental and security monitoring with ENVIROSENSE and SRSWITCH accessory options



### Description

Monitored PDU systems support real-time remote monitoring via secure web, SNMP or Telnet interface and custom notification of user-specified remote conditions via email and SNMP trap. PDU power consumption in amps is displayed locally via front panel lighted digital display and can be monitored remotely to warn of potential overloads before critical IT mains breakers become overloaded. Advanced configurations support in-rack environmental monitoring with optional ENVIROSENSE temperature / humidity probe and rack access notification for up to 4 SRSWITCH or user supplied contact-closure sensors. Supports real-time monitoring of all reported functions with support for user-specified alarm and notification thresholds. Fully compatible with PowerAlert Network Management System Software, available via FREE download from [www.tripplite.com](http://www.tripplite.com)

PDUMNH20 Monitored 1U Rackmount PDU supports 20A peak capacity at 120V (agency de-rated to 16 amps continuous). Includes attached L5-20P input cordset with 5-20P adapter and 8 5-15/20R outlets. Visual and remote current monitoring tracks real time output current level. Supports 0U vertical rackmount installation with included mounting brackets. Toolless button-mount installation supported in compatible racks. Included cord retention brackets keep vital network equipment plugged in and continuously powered.

#### Applications

- Ideal for network configurations requiring a metered and monitored PDU

#### Package Includes

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

### Features

- 120V 20A peak capacity (agency de-rated to 16 amps continuous) Monitored Power Distribution Unit (PDU) with built-in web/network interface in 0U vertical rack form factor
- Includes attached L5-20P input plug with 5-20P adapter and 8 5-15/20R outlets
- Supports local current metering and remote network monitoring of current, voltage and frequency via built-in web/network monitoring card
- Remote interface provides data regarding input power conditions and PDU load level via secure network or web browser interface

- Supports notification and logging of all major power events and user specified alarm thresholds
- Optional ENVIROSENSE temperature and humidity probe enables remote monitoring of environmental conditions and the ability to report conditions from up to four SRSWITCH or user supplied contact closure sensors
- DHCP/Manual configuration support provides the ability to have network settings automatically assigned to the card, or manually assigned via permanent IP addresses
- 10/100 Mbps auto-sensing allows optimal communication compatibility with your current 10/100 Base-T network
- Real-time clock backup maintains the time of day and date even if the PDU is shut down and unpowered
- Tiered access privileges allow an administrator and a guest to log into the web browser for monitoring all PDUs
- Alert notifications via email or SNMP traps give users the added advantage of having an immediate event notification
- Protocols supported include HTTP, HTTPS, PowerAlert Network Management System, SMTP, SNMPv1, SNMPv2, Telnet, FTP, DHCP, BOOTP, NTP
- Front panel ammeter displays total PDU power consumption
- Included cord retention brackets keep vital network equipment plugged in and continuously powered
- 1U rackmount installation supported with included mounting brackets
- Circuit breaker-free format prevents power interruptions due to tripped breakers while still providing mains panel protection from overloads and short circuit fault conditions
- Optional PDUROTATEBRKT enables installation with rear-facing outlets for improved rack cooling and equipment access in button-mount equipped racks

## Specifications

OVERVIEW	
Model Type	Monitored
PDU Type	Monitored
OUTPUT	
Frequency compatibility	50 / 60 Hz
Output nominal voltage	120V
Outlet quantity / type	8 5-15/20R
INPUT	
PDU Input Voltage	100; 120; 127
Recommended Electrical Service	120V
Maximum Input Amps (A)	20
Input connection type	Attached L5-20P input cable plus 5-20P adapter
Plug Type	NEMA L5-20P (20A 120V), NEMA 5-20P (20A 120V)
PDU Plug Type	NEMA 5-20P; NEMA L5-20P
Input cord length (ft.)	12
Input cord length (m)	3.6
Voltage compatibility (VAC)	120
Phase	Single-Phase
LEDS ALARMS & SWITCHES	
Switches	n/a
Front panel LEDs	Front panel digital display confirms power availability and PDU output current level in 1 amp increments
PHYSICAL	
Shipping weight (lbs)	7

Shipping weight (kg)	3.2
Unit Dimensions (HWD/in)	1.7 x 17.3 x 6.2
Unit Dimensions (HWD/cm)	4.3 x 43.9 x 15.7
Shipping Dimensions (HWD/in)	2.09 x 11 x 20.5
Shipping Dimensions (HWD/cm)	5.3 x 27.9 x 52.1
Unit weight (lbs)	7
Unit weight (kg)	3.2
Style	1U Rackmount
PDU Form Factor	Horizontal (1U, 2U, etc)
<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>	
Certifications	Tested to UL 60950 (USA, Canada), Class A (Emissions), NOM (Mexico), RoHS compliant
<b>WARRANTY</b>	
Product Warranty Period (U.S., Canada & Puerto Rico)	2-year limited warranty

## Related Items

### Optional Products

Product Type	Related Model	Description	Qty.
Extended Warranties	<a href="#">WEXT3-PDU-MN</a>	3-Year Extended Warranty - For MN Monitored PDUs	1
Extended Warranties	<a href="#">WEXT5-PDU-MN</a>	5-Year Extended Warranty - For MN Monitored PDUs	1
Power Cables	<a href="#">P007-002</a>	2-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	1
Power Cables	<a href="#">P007-006</a>	6-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	1
Power Cables	<a href="#">P007-010</a>	10-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	1
Power Cables	<a href="#">P010-012</a>	12-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13)	1
Power Cables	<a href="#">P012-006</a>	6-ft. Notebook Power cord (NEMA 1-15P to IEC-320-C7)	1
Power Cables	<a href="#">P022-001</a>	1-ft. 18AWG Power Extension cord (NEMA 5-15R to NEMA 5-15P)	1
Power Cables	<a href="#">P023-001</a>	1-ft. 14AWG Power Adapter cord (NEMA L5-15R to NEMA 5-15P)	1
Power Cables	<a href="#">P034-010</a>	10-ft. 14AWG Heavy Duty Power cord (IEC-320-C19 to NEMA 5-15P)	1

Power Cables	<a href="#">P043-002</a>	2-ft. 10AWG Heavy Duty Power Cord with 20 AMP Breaker, (NEMA L5-30P to NEMA L5-20R)	1
Power Cables	<a href="#">P044-06I</a>	6-inch 12AWG Heavy Duty Power Adapter cord (NEMA-L5-20R to NEMA-5-20P)	1
Power Cables	<a href="#">P049-010</a>	10-ft. 12AWG Heavy Duty Power cord (IEC-320-C19 to NEMA 5-20P)	1
Rack Accessories	<a href="#">SRSWITCH</a>	Magnetic Door Switch Kit (2-pack for front and rear doors; requires ENVIROSENSE.)	1
SNMP Accessories	<a href="#">ENVIROSENSE</a>	Monitors temperature, humidity and contact-closure inputs. (Requires SNMPWEBCARD or switched PDU.)	1

More information, including related products, owner's manuals, and additional technical specifications, can be found online at [www.tripplite.com/en/products/model.cfm?txtModelID=4449](http://www.tripplite.com/en/products/model.cfm?txtModelID=4449).

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