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Model #: PDUMNH20

Monitored PDU / Power Distribution Unit supports real-time remote monitoring of load level, voltage and frequency with options for remote environmental and security monitoring

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

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
SYSTEM OVERVIEW	
Voltage compatibility (VAC)	120
OUTPUT	
Frequency compatibility	50 / 60 Hz
Output nominal voltage	120V
Outlet quantity / type	8 5-15/20R
INPUT	
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)
Input cord length (ft.)	12
Input cord length (m)	3.6
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
ENVIRONMENTAL	
Relative Humidity	0-95% non-condensing
COMMUNICATIONS	
SNMP compatibility	Pre-installed SNMPWEBCARD provides remote monitoring via web, telnet, and SNMP management systems
CERTIFICATIONS	
Certifications	Tested to UL 60950 (USA, Canada), Class A (Emissions), NOM (Mexico), RoHS compliant
WARRANTY	
Product Warranty Period (U.S., Canada & Puerto Rico)	2-year limited warranty

Related Items

Optional Products

Product Type	Related Model	Description	Qty.
Extended Warranties	WEXT3-PDU-MN	3-Year Extended Warranty - For MN Monitored PDUs	-
Extended Warranties	WEXT5-PDU-MN	5-Year Extended Warranty - For MN Monitored PDUs	-
SNMP Accessories	ENVIROSENSE	Monitors temperature, humidity and contact-closure inputs. (Requires SNMPWEBCARD or switched PDU.)	-
Rack Accessories	SRSWITCH	Magnetic Door Switch Kit (2-pack for front and rear doors; requires ENVIROSENSE.)	-
Power Cables	P044-06I	6-inch 12AWG Heavy Duty Power Adapter cord (NEMA-L5-20R to NEMA-5-20P)	-
Power Cables	P043-002	2-ft. 10AWG Heavy Duty Power Cord with 20 AMP Breaker, (NEMA L5-30P to NEMA L5-20R)	-
Power Cables	P012-006	6-ft. Notebook Power cord (NEMA 1-15P to IEC-320-C7)	-
Power Cables	P007-002	2-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	-
Power Cables	P007-006	6-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	-
Power Cables	P007-010	10-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	-
Power Cables	P010-012	12-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13)	-
Power Cables	P022-001	1-ft. 18AWG Power Extension cord (NEMA 5-15R to NEMA 5-15P)	-
Power Cables	P023-001	1-ft. 14AWG Power Adapter cord (NEMA L5-15R to NEMA 5-15P)	-

Power Cables	P034-010	10-ft. 14AWG Heavy Duty Power cord (IEC-320-C19 to NEMA 5-15P)	-
Power Cables	P049-010	10-ft. 12AWG Heavy Duty Power cord (IEC-320-C19 to NEMA 5-20P)	-

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.

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