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## Model #: PDUMV20NET

**Switched, Metered PDU with Remote Monitoring - 0U Vertical Rackmount Power Distribution Unit for Networks with Individually Switchable Outlets, Current Metering, Remote Monitoring and Control**

### Highlights

- 63-in. 0U vertical switched rack PDU with digital current monitoring, remote control and temperature/humidity monitoring capability
- 120V 20A maximum total capacity with included 5-20P and L5-20P plug options and 24 x 5-15/20R individually controllable outlets
- Provides capability to turn on, turn off, recycle or lock out power to each individual outlet
- Programmable or real-time outlet power control via built-in Web/network monitoring and control card
- Automatic sequential outlet turn-on prevents inrush-related equipment interaction on startup
- Cord retention brackets keep vital equipment plugs connected



### Description

Tripp Lite's PDUMV20NET Switched, Metered Rack Power Distribution Unit provide a variety of advanced network control and monitoring functions. It gives IT managers the ability to remotely monitor PDU power consumption and in-rack environmental conditions, and to turn on, turn off, recycle or lock out power to each individual receptacle. Switched PDU systems can be accessed, configured and controlled through secure Web, SNMP or Telnet interfaces. Individually switched outlets can be controlled via a built-in Web/network interface, enabling remote reboots of unresponsive network hardware. User-defined power-up and power-down outlet sequences ensure proper operation of interdependent IT systems and prevent inrush-related overloads as devices are powered on. Programmable load shedding of less critical devices at user-defined intervals extends UPS uptime in response to power failures. Unused PDU outlets can be electronically locked off to prevent powering of unauthorized hardware. PDU power consumption is displayed locally and can be monitored via the Web/network interface, with user-defined alarms to warn of potential overloads before critical IT mains or branch breakers trip. An optional ENVIROSENSE temperature/humidity probe enables remote monitoring of in-rack environmental conditions and alarms for up to three user-supplied contact-closure sensors. Supports real-time monitoring, notification and logging of all on-board reporting functions with user-specified alarm thresholds and actions for each reported condition.

The PDUMV20NET supports 20A maximum capacity at 120V (agency de-rated to 16A). Includes attached L5-20P input plug and 5-20P adapter set, plus 24 x 5-15/20R switched outlets. Visual and remote current monitoring tracks output current. Supports 0U vertical rackmount installation with included mounting brackets. Toolless button-mount installation supported in compatible racks. Included cord retention brackets keeps vital network equipment plugged in and continuously powered.

#### 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

## Features

- 120V 20A maximum capacity (agency de-rated to 16 amps) Switched, Metered and 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 24 x 5-15/20R controllable outlets
- Supports individually controllable output receptacles, current metering, network monitoring and remote control via built-in Web/network monitoring and control card
- Provides the ability to turn on, turn off, recycle or lock out power to each individual PDU receptacle on a programmable or real-time basis
- Switchable outlets enable a number of advanced networking abilities, such as remote reboot on-demand of locked IT equipment, custom power-on/power-off outlet sequencing, automatic load-shedding of optional loads during power failures and disabling unused outlets to prevent the connection of unauthorized equipment loads
- Remote interface provides data regarding input power conditions, load level and individual outlet power status 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 two contact-closure sensors
- Optional ENVIROSENSE probe also supports the connection of up to three user-supplied contact-closure sensors to selectively notify, monitor and log reported conditions, such as rack door access
- DHCP/Manual configuration support enables network settings to be 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 support maintains the time of day and date even if the PDU is shut down and unpowered
- 2-tier level access enables an administrator and a guest to log into the web browser for monitoring and/or management of all intelligent PDUs and similarly equipped UPS systems
- Alert notifications via email or SNMP traps provide immediate event notification
- Protocols supported include HTTP, HTTPS, PowerAlert Network Management System, SMTP, SNMPv1, SNMPv2, Telnet, FTP, DHCP, BOOTP, NTP
- Front panel ammeter displays whole PDU power consumption in amps
- On initial power-up, outlets are automatically energized at 250 millisecond intervals to prevent inrush-related equipment interaction and mains circuit overloads
- Included cord retention brackets keep vital network equipment plugged in and continuously powered
- Circuit breaker-free format prevents power interruptions due to tripped breakers while still providing mains panel protection from overloads and short circuit fault conditions
- 63-in. 0U vertical rack installation supported with included rackmount brackets
- Toolless mounting supported in button-mount compatible racks

## Specifications

SYSTEM OVERVIEW	
<b>Voltage compatibility</b>	120V
<b>Frequency compatibility</b>	50/60 Hz
OUTPUT	
<b>Output nominal voltage</b>	120V
<b>Outlet quantity / type</b>	24 x 5-15/20R
<b>Customized load management receptacles</b>	Each outlet is individually controllable via remote interface
<b>Overload protection</b>	n/a
INPUT	
<b>Maximum input amps</b>	20A maximum (agency de-rated to 16A continuous)
<b>Input connection type</b>	Attached L5-20P input plug plus 5-20P adapter
<b>Input cord length</b>	10 ft./3m

<b>Recommended electrical service</b>	120V 20A
<b>LEDS ALARMS &amp; SWITCHES</b>	
<b>Front panel LEDs</b>	24 power availability LEDs confirm power off/on status for each built-in outlet
<b>Switches</b>	n/a
<b>PHYSICAL</b>	
<b>Shipping weight (lbs)</b>	15.5
<b>Shipping weight (kg)</b>	7
<b>Shipping Dimensions (HWD/in)</b>	4 x 6 x 66.5
<b>Shipping Dimensions (HWD/cm)</b>	10.2 x 15.2 x 168.9
<b>Unit weight (lbs)</b>	10
<b>Unit weight (kg)</b>	4.5
<b>Unit Dimensions (HWD/in)</b>	63 x 2.19 x 4.25
<b>Unit Dimensions (HWD/cm)</b>	160 x 5.6 x 10.8
<b>Form factors supported</b>	0U vertical rackmount; includes rackmount brackets. Supports toolless mounting in button-mount compatible racks
<b>ENVIRONMENTAL</b>	
<b>Relative Humidity</b>	0-95% non-condensing
<b>COMMUNICATIONS</b>	
<b>SNMP compatibility</b>	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
<b>CERTIFICATIONS</b>	
<b>Certifications</b>	Tested to 60950-1 (USA, Canada), Class A (Emissions), NOM (Mexico), RoHS compliant
<b>WARRANTY</b>	
<b>Product warranty</b>	2 years

More information, including related products, owner's manuals, and additional technical specifications, can be found online at [www.tripplite.com/products/model.cfm?txtModelID=3762](http://www.tripplite.com/products/model.cfm?txtModelID=3762).