



Tripp Lite
1111 West 35th Street
Chicago, IL 60609 USA
Telephone: +(773) 869 1234
E-mail: saleshelp@tripplite.com

Model #: PDUMV15NET

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

- 49 inch 0U vertical switched rack PDU with digital current monitoring, remote control and temperature / humidity monitoring capability
- 120V 15A maximum total capacity with 5-15P input plug and 16 5-15R individually controllable outlets
- Enables ability to turn on, turn off, power cycle or lock-out power to each individual outlet
- Programmable or real-time outlet power control via built-in SNMP/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 Switched, Metered Rack Power Distribution Units enable a variety of advanced network control and monitoring functions by giving IT Managers the ability to turn on, turn off, recycle or lock-out power to each individual receptacle and remotely monitor PDU power consumption and in-rack environmental conditions. Switched PDU systems can be accessed, configured and controlled through secure web, SNMP or Telnet Interface. Individually switched outlets can be controlled via a built-in web/network interface, enabling remote reboot 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 (current) 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. Optional ENVIROSENSE temperature/humidity probe enables remote monitoring of in-rack environmental conditions and alarms for up to 3 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. Switched PDU systems can be accessed, configured and controlled through secure web, SNMP or Telnet Interface.

PDUMV15NET Switched, Metered, 49 inch 0U vertical rack PDU supports 15A maximum capacity at 120V (agency de-rated to 12 amps). Includes attached 5-15P input cordset and 16 5-15R switched outlets. Visual and remote current monitoring tracks the 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
- Rack mounting brackets

Features

- 120V 15A maximum capacity (agency de-rated to 12 amps) Switched, Metered and Monitored Power Distribution Unit (PDU) with built-in web/network interface in 0U vertical rack form factor
- Includes attached 5-15P input plug and 16 5-15R controllable outlets
- Supports individually controllable output receptacles, current metering, network monitoring and remote control via built-in web/network monitoring and control card
- Offers 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 accessory 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 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
- 2-tier level access allows 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 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
- 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
- 49 inch 0U vertical rack installation supported with included mounting brackets
- Toolless mounting supported in button-mount compatible racks
- Circuit breaker-free format prevents power interruptions due to tripped breakers while still providing mains panel protection from overloads and short circuit fault conditions

Specifications

SYSTEM OVERVIEW	
Voltage compatibility	120V
Frequency compatibility	50/60 Hz
OUTPUT	
Output nominal voltage	120V
Outlet quantity / type	16 5-15R
Customized load management receptacles	Each outlet is individually controllable via remote interface
Overload protection	n/a
INPUT	
Maximum input amps	15A maximum (Agency de-rated to 12A continuous)
Input connection type	Attached 5-15P input plug
Input cord length	10 ft / 3m

Recommended electrical service	120V 15A
LEDS ALARMS & SWITCHES	
Front panel LEDs	16 power availability LEDs confirm power off/on status for each built-in outlet
Switches	n/a
PHYSICAL	
Shipping weight (lbs)	11
Shipping weight (kg)	5
Shipping Dimensions (HWD/in)	4 x 6 x 51.75
Shipping Dimensions (HWD/cm)	10.2 x 15.2 x 27.4
Unit weight (lbs)	7
Unit weight (kg)	3.2
Unit Dimensions (HWD/in)	49 x 2.19 x 4.25
Unit Dimensions (HWD/cm)	124.5 x 5.6 x 10.8
Form factors supported	0U vertical rackmount. Includes mounting brackets. Supports toolless mounting in button-mount compatible racks
ENVIRONMENTAL	
Relative Humidity	0-95% non-condensing
COMMUNICATIONS	
SNMP compatibility	Yes, pre-installed SNMPWEBCARD provides remote monitoring via web, telnet, and SNMP management systems. Remote management gives user ability to turn connected loads on or off individually
CERTIFICATIONS	
Certifications	Tested to 60950-1 (USA, Canada), Class A (Emissions), NOM (Mexico), RoHS compliant
WARRANTY	
Product warranty	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=3752.