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Model #: PDUMH30NET

Single-Phase Switched PDU, 30A 120V, 2U Horizontal Rackmount, 16 NEMA 5-15/20R outlets, NEMA L5-30P input plug.

Highlights

- Switched 30A 120V PDU, 2U horizontal rackmount format
- Reports voltage, frequency & load level via ethernet interface
- Visual current meter, Reversible housing
- NEMA L5-30P input plug with attached 10 ft. / 3m line cord
- 16 NEMA 5-15/20R switched outlets with cord retention brackets
- Temperature, humidity and contact closure monitoring options



Description

Tripp Lite single phase Switched PDU / Power Distribution Unit offers advanced network control and monitoring with the ability to turn on, turn off, recycle or lock-out power to each individual receptacle, monitor site electrical conditions and remotely monitor output power consumption. PowerAlert interface supports remote control and custom notification of user-specified conditions via email, secure web, SNMP, Telnet or SSH interface. Individually switched outlets can be controlled in real-time to remotely reboot unresponsive network hardware, or be custom programmed for user-defined power-up and power-down sequences to ensure proper startup of interdependent IT systems and prevent inrush-related overloads as network equipment is first energized. Unused PDU outlets can be electronically locked off to prevent the connection of unauthorized hardware. PDU output current consumption in amps is continuously displayed locally via visual meter and remotely via web/network interface to warn of potential overloads before critical IT mains or branch breakers trip.

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
- Installable 2U mounting brackets

Features

- 30A 120V Switched Power Distribution Unit / PDU with built-in web/network interface (Agency derated to 24A continuous)
- Attached L5-30P 120V single phase input, 10 ft. / 3m input cord
- 2U horizontal rackmount form factor
- 16 NEMA 5-15/20R switched outlets
- Supports power-on, power-off or reboot of each outlet on a real-time or programmable basis
- Enables reboot of locked equipment, custom power-on/power-off sequences, load-shedding of optional loads and disabling unused outlets
- Network interface provides PDU control and data regarding input voltage and total output load level in amps
- Digital display continuously reports output load in amps in 3 segments (load bank 1, load bank 2, total)
- 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
- 2U horizontal rack installation supported in 2 or 4 post racks with included mounting brackets
- Mounting brackets support wall-mount and under-counter installation in many applications
- Included cord retention brackets

Specifications

OVERVIEW	
PDU Type	Switched
OUTPUT	
Frequency compatibility	50 / 60 Hz
Output nominal voltage	120V
Overload protection	Outlets are arranged in two banks of 8. Each bank is protected by a separate 20A circuit breaker
Outlet quantity / type	16 5-20R outlets
Outlet Type	NEMA 5-20R
Customized load management receptacles	Each outlet is individually controllable via remote interface
INPUT	
Nominal Input Voltage(s) Supported	120V AC
PDU Input Voltage	100; 120; 127
Maximum Input Amps (A)	30
Maximum Input Amps (A) Details	30A maximum (Agency de-rated to 24A continuous)
Input connection type	L5-30P
PDU Plug Type	NEMA L5-30P
Input cord length (ft.)	10
Input cord length (m)	3
Voltage compatibility (VAC)	120
Phase	Single-Phase
LEDS ALARMS & SWITCHES	
Switches	n/a
Front panel LEDs	16 power availability LEDs confirm power off/on status for each built-in outlet. Two additional LEDs with toggle button identify which bank the visual current meter is reporting (bank 1, bank 2 or bank 1&2 combined)
PHYSICAL	

Shipping Dimensions (HWD/in)	8 x 20.5 x 17
Shipping Dimensions (HWD/cm)	20.3 x 113 x 80.6
Shipping weight (lbs)	17.1
Shipping weight (kg)	7.8
Unit Dimensions (HWD/in)	3.5 x 17.5 x 12.5
Unit Dimensions (HWD/cm)	8.9 x 44.5 x 31.75
Unit weight (lbs)	13.8
Unit weight (kg)	6.3
Material of construction	Steel
Style	Rackmount
Form factors supported	2U rackmount. Includes mounting accessories for 4 post installation, requires optional 2POSTRMKITWM for 2 post rackmount installation)
PDU Form Factor	Horizontal (1U, 2U, etc)
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 UL 60950-1 (USA, Canada), Class A (Emissions), NOM (Mexico), RoHS compliant
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty

Related Items

Optional Products

Related Model	Description	Qty.
ENVIROSENSE	Monitors temperature, humidity and contact-closure inputs. (Requires SNMPWEBCARD or switched PDU.)	1
P007-002	2-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	1
P007-006	6-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	1
P007-010	10-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	1
P010-012	12-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13)	1
P012-006	6-ft. Notebook Power cord (NEMA 1-15P to IEC-320-C7)	1

P022-001	1-ft. 18AWG Power Extension cord (NEMA 5-15R to NEMA 5-15P)	1
P023-001	1-ft. 14AWG Power Adapter cord (NEMA L5-15R to NEMA 5-15P)	1
P034-010	10-ft. 14AWG Heavy Duty Power cord (IEC-320-C19 to NEMA 5-15P)	1
P044-06I	6-inch 12AWG Heavy Duty Power Adapter cord (NEMA-L5-20R to NEMA-5-20P)	1
P049-010	10-ft. 12AWG Heavy Duty Power cord (IEC-320-C19 to NEMA 5-20P)	1
SRCABLEDUCT1U	1U Horizontal Cable Manager (Finger duct with cover.)	1
SRCABLERING1U	1U Horizontal Cable Manager (Flexible ring type.)	1
SRCABLERING2U	2U Horizontal Cable Manager (Flexible ring type.)	1
SRSWITCH	Magnetic Door Switch Kit (2-pack for front and rear doors; requires ENVIROSENSE.)	1
WEXT3-PDU-NET	3-Year Extended Warranty - For Switched PDUs ending with NET	1
WEXT5-PDU-NET	5-Year Extended Warranty - For Switched PDUs ending with NET	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=3743.

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