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## Model #: PDUMH30NET

**Single-Phase Switched PDU, 30A 120V, 2U Horizontal Rackmount, 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                               |   |
|--|---|
| Model Type                             | Switched  |
| 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  |
| Customized load management receptacles | Each outlet is individually controllable via remote interface   |
| INPUT                                  |   |
| PDU Input Voltage                      | 100; 120; 127   |
| Recommended Electrical Service         | 120V  |
| Maximum Input Amps (A)                 | 30  |
| Maximum Input Amps (A) Details         | Agency de-rated to 24A continuous   |
| Input connection type                  | L5-30P  |
| Plug Type                              | NEMA L5-30P (30A 120V)  |
| 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 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  |
| Shipping Dimensions (HWD/in)                         | 8 x 20.5 x 17   |
| Shipping Dimensions (HWD/cm)                         | 20.3 x 113 x 80.6   |
| 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 <a href="#">2POSTRMKITWM</a> for 2 post rackmount installation)  |
| PDU Form Factor                                      | Horizontal (1U, 2U, etc)  |
| <b>ENVIRONMENTAL</b>                                 |   |
| Relative Humidity                                    | 0-95% non-condensing  |
| <b>COMMUNICATIONS</b>                                |   |
| SNMP compatibility                                   | Yes, pre-installed <a href="#">SNMPWEBCARD</a> provides remote monitoring via web, telnet, and SNMP management systems. Remote management gives user ability to turn connected loads on or off individually |
| <b>CERTIFICATIONS</b>                                |   |
| Certifications                                       | Tested to UL 60950-1 (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-NET</a> | 3-Year Extended Warranty - For Switched PDUs ending with NET   | 1    |
| Extended Warranties | <a href="#">WEXT5-PDU-NET</a> | 5-Year Extended Warranty - For Switched PDUs ending with NET   | 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<br>(NEMA 1-15P to IEC-320-C7)  | 1 |
| Power Cables     | <a href="#">P022-001</a>      | 1-ft. 18AWG Power Extension cord<br>(NEMA 5-15R to NEMA 5-15P)                                     | 1 |
| Power Cables     | <a href="#">P023-001</a>      | 1-ft. 14AWG Power Adapter cord<br>(NEMA L5-15R to NEMA 5-15P)                                      | 1 |
| Power Cables     | <a href="#">P034-010</a>      | 10-ft. 14AWG Heavy Duty Power cord<br>( IEC-320-C19 to NEMA 5-15P)                                 | 1 |
| Power Cables     | <a href="#">P044-061</a>      | 6-inch 12AWG Heavy Duty Power Adapter cord<br>(NEMA-L5-20R to NEMA-5-20P)                          | 1 |
| Power Cables     | <a href="#">P049-010</a>      | 10-ft. 12AWG Heavy Duty Power cord<br>(IEC-320-C19 to NEMA 5-20P)                                  | 1 |
| Rack Accessories | <a href="#">SRCABLEDUCT1U</a> | 1U Horizontal Cable Manager (Finger duct with cover.)  | 1 |
| Rack Accessories | <a href="#">SRCABLERING1U</a> | 1U Horizontal Cable Manager (Flexible ring type.)  | 1 |
| Rack Accessories | <a href="#">SRCABLERING2U</a> | 2U Horizontal Cable Manager (Flexible ring type.)  | 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=3743](http://www.tripplite.com/en/products/model.cfm?txtModelID=3743).

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