

2.9kW Single-Phase Switched PDU with Outlet Level Metering, 120V Outlets (24 5-15/20R), L5-30P, 10ft Cord, 0U Vertical, TAA Compliant

MODEL NUMBER: PDUMVR30NET



Description

Tripp Lite single phase Switched PDU / Power Distribution Unit with individual outlet metering 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 for each individual outlet. Built-in current monitoring offers 1% billing grade accuracy. PowerAlert interface supports remote control and custom notification of user-specified conditions via email, PowerAlert Console Launcher, 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 network interface to warn of potential overloads before critical IT mains or branch breakers trip.

Highlights

- Switched 30A 120V PDU, 0U 70 in. / 178cm Vertical Rackmount Format
- Reports voltage, frequency & load per-outlet or load bank via ethernet interface
- Visual current meter, Toolless button mount installation
- NEMA L5-30P input, attached 10 ft. / 3m cord
- 24 switched NEMA 5-15/20R outlets with cord retention brackets
- Temperature, humidity and contact closure monitoring options
- Federal Trade Agreements Act / TAA Compliant for GSA Schedule purchases

Package Includes

- Rackmount PDU
- Rackmount brackets
- PDUMVROTATEBRKT

Specifications

| OVERVIEW | |
|--------------------------------|--------------|
| UPC Code | 037332166944 |
| PDU Type | Switched |
| INPUT | |
| Recommended Electrical Service | 30A 120V |

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| Maximum Input Amps | 30 |
| Maximum Input Amps Details | Agency de-rated to 24A continuous |
| PDU Plug Type | NEMA L5-30P |
| Input Phase | Single-Phase |
| Input Cord Length (ft.) | 10 |
| Input Cord Length (m) | 3.05 |
| OUTPUT | |
| Output Capacity Details | 3.05kW (127V), 2.88kW (120V), 2.4kW (100V) / 30A total capacity (Agency de-rated 24A); 20A max per breakered load bank; 16A max per outlet |
| Frequency Compatibility | 50 / 60 Hz |
| Output Receptacles | (24) 5-15/20R |
| Output Nominal Voltage | 100-127V nominal, single phase |
| Overload Protection | Two 20A breakers protect 12 outlets each |
| Customized Load Management Receptacles | Each outlet is individually controllable via remote interface |
| USER INTERFACE, ALERTS & CONTROLS | |
| Front Panel LCD Display | Digital display reports load level in amps for LOAD BANK 1 (Outlets 1-12), LOAD BANK 2 (Outlets 13-24), LOAD BANKS 1&2 COMBINED (Outlets 1-24) and each individual output receptacle; Digital display can also be used to scroll the configured IP address |
| Front Panel LEDs | BANK 1 and BANK 2 LEDs verify which load bank the digital current display is reporting (Bank 1, Bank 2 or Banks 1&2 Combined); BANK 1 or BANK 2 LED will flash when the digital display is reporting output current for one of the outlets in that load bank; 24 additional LEDs, one near each output receptacle, will light continuously to verify power on/off status and flash to indicate that the digital display is reporting output current for just that individual receptacle |
| Switches | SELECT OUTLET and SELECT BANK switches advance the LCD screen and associated LED to display power consumption for individual output receptacles and output load banks; Press and hold the SELECT BANK button for 4 seconds to rotate the digital display 90 degrees for overhead power input; Press and hold the SELECT OUTLET button for 4 seconds to scroll the configured IP address |
| SURGE / NOISE SUPPRESSION | |
| Automatic Shut-Off | No |
| PHYSICAL | |
| Form Factors Supported | 0U vertical rackmount; includes rackmount brackets. Supports toolless mounting in button-mount compatible racks |
| PDU Form Factor | Vertical (0U) |
| Shipping Dimensions (hwd / in.) | 5.40 x 6.80 x 76.10 |
| Shipping Dimensions (hwd / cm) | 13.72 x 17.27 x 193.29 |
| Shipping Weight (lbs.) | 16.10 |
| Shipping Weight (kg) | 7.30 |
| Unit Dimensions (hwd / in.) | 70.000 x 2.200 x 2.050 |
| Unit Dimensions (hwd / cm) | 178 x 5.6 x 5.2 |

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| Unit Weight (lbs.) | 10.2 |
| Unit Weight (kg) | 4.63 |
| ENVIRONMENTAL | |
| Storage Temperature Range | 5 to 122F (-15 to 50C) |
| Relative Humidity | 5-95% non condensing |
| Operating Elevation (ft.) | 0-10,000 |
| Operating Elevation (m) | 0-3000 |
| COMMUNICATIONS | |
| PowerAlert Software | SNMPWEBCARD Interface: PowerAlert 12 |
| Communications Cable | RJ45-to-DB9 configuration/console Access cable |
| SNMP Compatibility | Built-in network interface provides remote monitoring via PowerAlert Console Launcher, Telnet, SSH, and SNMP management systems. Remote management enables outlets to be turned on and off individually |
| Network Compatibility | 10 Mbps; 100 Mbps (Fast Ethernet) |
| WARRANTY & SUPPORT | |
| Product Warranty Period (Worldwide) | 2-year limited warranty |