5/5.8kW Single-Phase Switched PDU with Outlet Level Metering, 208/240V Outlets (20-C13 & 4-C19), L6-30P, 10ft Cord, 0U Vertical, TAA

MODEL NUMBER: **PDUMVR30HVNET**









Highlights

- Switched 30A 208/240V PDU, 0U 70 in. / 178cm Vertical Rackmount Format
- Reports voltage, frequency and load per-outlet or load bank via ethernet interface
- Visual current meter, Toolless button mount installation
- NEMA L6-30P input, attached 10 ft. / 3m cord
- 24 switched outlets (4 C19 / 20 C13) 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

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.

Features

- 208/240V 30A Switched PDU with built-in network interface in 0U 70in / 178cm vertical rackmount form factor; 30A max capacity (agency derated to 24A)
- Attached NEMA L6-30P 208/240V single phase input with 10 ft. / 3m cord
- 24 switched outlets (4 C19 / 20 C13)
- 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 and disabling unused outlets
- Network interface provides PDU control and data regarding input voltage and load level for each load bank or each individual outlet in amps
- Current monitoring provides 1% billing grade accuracy
- Digital display continuously report output load level in amps
- Display also supports IP-address self-identification and 180 degree display rotation

- 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 simultaneously
- 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, SNMPv3, Telnet, SSH, FTP, DHCP, BOOTP, NTP protocols
- Fully compatible with FREE PowerAlert Network Management System / NMS Software
- Included cord retention brackets
- Toolless mounting supported in button-mount compatible racks, plus nut-and-bolt mounting brackets for other mounting applications
- Federal Trade Agreements Act / TAA Compliant for GSA Schedule purchases

Specifications

OVERVIEW	
UPC Code	037332166920
PDU Type	Switched
INPUT	
Input Phase	Single-Phase
Recommended Electrical Service	30A 208/240V
Maximum Input Amps	30
Maximum Input Amps Details	Agency de-rated to 24A continuous
PDU Plug Type	NEMA L6-30P
Input Cord Length (ft.)	10
Input Cord Length (m)	3.05
OUTPUT	
Output Capacity Details	5.8kW (240V), 5kW (208V), 4.8kW (200V) total capacity / 30A max (Agency de-rated to 24A), 20A max per breakered outlet bank; 16A max per C19 outlet; 12A max per C13 outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(20) C13; (4) C19
Output Nominal Voltage	200; 208; 240
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.)	16.50
Shipping Weight (kg)	7.48
Unit Dimensions (hwd / in.)	70.000 x 2.200 x 2.600
Unit Dimensions (hwd / cm)	178 x 5.6 x 6.6
Unit Weight (lbs.)	12
Unit Weight (kg)	5.44
ENVIRONMENTAL	
Storage Temperature Range	5 to 122F (-15 to 50C)
Relative Humidity	5-95% non condensing
Operating Elevation	0-10,000
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

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