

Management Interface

The management interface for this PDU model is transitioning to a new technology platform. The new interface can be distinguished by a USB-A port (for EnviroSense2 modules) in place of the round **ENVIROSENSE** port. For managing the units containing the round port, Tripp Lite recommends using the PowerAlert Console Launcher rather than a web browser. This application enables local access of the PDU using a self-contained, compatible Java Runtime Environment version. The Console Launcher can be downloaded for free; click the above link or go to the Management Solutions / Utilities page. Units with the new interface work will with most current web browsers.

TAA-Compliant 7.4kW Single-Phase ATS/Switched PDU, 230V Outlets (16 C13 & 2 C19), 2 IEC309 32A Blue Cords, 2U Rack-Mount

MODEL NUMBER: PDUMH32HVATNET



Description

The PDUMH32HVATNET 7.4kW Single-Phase 230V ATS/Switched PDU provides remote power monitoring and enables redundant power for network devices with non-redundant power supply configurations. Ideal for data centers and server rooms, it mounts in 2U of space in EIA-standard racks and features 18 switched outlets (16 C13 and two C19) in two load banks, each bank protected by a 20A circuit breaker.

Dual 3-meter input cords with IEC309 32A Blue (2P+E) plugs connect to separate primary and secondary single-phase 230V power sources. The PDU constantly evaluates the power quality of both input sources. Dynamic solid-state (TRIAC) automatic transfer switching allows the PDU to switch to the secondary source within 1–5 milliseconds should the primary source fail or become unstable to ensure your connected equipment operates without interruption.

Built-in Ethernet network interface allows remote access to the PDU for power monitoring, configuration, control and notifications via web browser, SSH, telnet or SNMP. Provides real-time load/current data with billing-grade accuracy (+/- 1 percent). Supports user-programmable startup of outlets in any order or interval to ensure network items are turned on in the proper sequence and reliably discovered. Digital LED display indicates power availability, voltage, source A/B input status, output load and power factor, as well as temperature and humidity with the optional temperature sensor (sold separately).

Features

Highlights

- Single-phase IEC309 32A Blue (2P+E) input and 230V output
- 16 C13 and 2 C19 switched outlets in 2 load banks
- Automatic transfer switching within 1–5 ms
- Ethernet network interface for remote access
- Digital LED display for real-time status monitoring

Package Includes

- PDUMH32HVATNET 7.4kW Single-Phase 230V ATS/Switched PDU
- Rack-mounting brackets
- Cord retention brackets
- Cable ties
- Owner's manual



Primary and Secondary Inputs for Power Redundancy

- Provides remote power monitoring and enables redundant power for network devices with non-redundant power supply configurations
- Dual 3m input cords with IEC309 32A Blue (2P+E) plugs connect to separate primary and secondary single-phase power sources

Automatic Transfer Switching

- Dynamic solid-state (TRIAC) automatic transfer switching
- Switches to secondary power source if primary source fails or becomes unstable
- 1–5 ms transfer time ensures uninterrupted operation of connected equipment
- Built-in processor monitors both sources and prevents switching if secondary source is unavailable or of lower quality than primary source

Multifunction Digital LED Display

- Reports source A and source B input power status and other information, including power availability, line voltage, frequency, amps, kilowatts and power factor

Advanced Network Monitoring

- Built-in Ethernet network interface allows remote access for power monitoring, configuration, control and notification via web browser, SSH, telnet or SNMP
- Real-time load/current data with billing-grade accuracy (+/- 1 percent)
- Automated alerts help prevent accidental overloads, power loss and downtime
- Optional temperature sensor (sold separately) monitors temperature and humidity

Broad Communications Compatibility

- Supports HTTP, HTTPS, PowerAlert®, SMTP, SNMPv1, SNMPv2, SNMPv3, Telnet, SSH, FTP, DHCP, BOOTP and NTP

20A Circuit Breakers

- Protect each of 2 single-phase output banks
- Front-panel LED indicates when breaker has tripped

Cord Retention Brackets

- Secures equipment power cords to reduce cable clutter and increase accessibility to connected components

Mounts Horizontally in 2U of Rack Space

- Compatible with EIA-standard 19 in. 4-post racks and rack enclosures

TAA-Compliant

- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Specifications

OVERVIEW	
PDU Type	Switched; Auto-Transfer Switch
OUTPUT	



Output Capacity Details	7.7kW (240V), 7.4kW (230V), 7.0kW (220V), 6.7kW (208V), 6.4kW (200V); 32A maximum
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(16) C13; (2) C19
Output Nominal Voltage	200, 208, 220, 230, 240V nominal, single phase
Overload Protection	Includes two 20A output circuit breakers; Breaker 1 controls the upper row of 9 outlets (8 C13, 1 C19); Breaker 2 controls the lower row of outlets (8 C13, 1 C19)
INPUT	
PDU Input Voltage	200; 208; 220; 230; 240
Recommended Electrical Service	32A 230V
Maximum Input Amps	32
PDU Plug Type	(2) IEC-309 32A BLUE (2P+E)
Input Cord Details	Set of two inputs connect to separate PRIMARY and SECONDARY power sources
Input Cord Length (ft.)	10
Input Cord Length (m)	3.05
Input Phase	Single-Phase
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	Digital display reports output amps in 4 separately metered loading segments (BANK 1: Outlets #1-9; BANK 2: Outlets #10-18), whole-PDU output kW load level and input voltage on primary and secondary input lines
Front Panel LEDs	Front panel LEDs confirm amp / kilowatt / voltage reporting information
Switches	ENTER and MODE switches toggle the digital display to show output amps (Banks 1-4), total kW output and input voltage (primary, secondary)
PHYSICAL	
Minimum Required Rack Depth (inches)	16
Minimum Required Rack Depth (cm)	40.64
Shipping Dimensions (hwd / in.)	7.8 x 16.7 x 19.9
Shipping Dimensions (hwd / cm)	19.8 x 42.4 x 50.5
Shipping Weight (lbs.)	20.3
Shipping Weight (kg)	9.2
Unit Dimensions (hwd / in.)	3.5 x 17.5 x 12.5
Unit Dimensions (hwd / cm)	8.8 x 44.4 x 31.7
Unit Weight (lbs.)	13.7
Unit Weight (kg)	6.21
Material of Construction	Metal
Form Factors Supported	2U rackmount



PDU Form Factor	2U; Horizontal
Minimum Required Rack Depth (mm)	406
ENVIRONMENTAL	
Storage Temperature Range	5 to 122F (-15 to 50C)
Relative Humidity	5 to 95% (non-condensing)
Operating Elevation (ft.)	0-10,000
Operating Elevation (m)	0-3000
CERTIFICATIONS	
Certifications	Tested to CE / IEC 60950-1, EN CLASS A (Emissions), NOM (Mexico), RoHS Complaint, TAA Compliant
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty

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