2–2.4kW Single-Phase ATS/Metered PDU, 200–240V Outlets (10 C13), 2 C14 Inlets, 3.6 m Cords, 1U Rack-Mount, TAA

MODEL NUMBER: **PDUMH15HVAT**

Highlights

- Single-phase IEC-320 C14 input and 200–240V output
- 10 C13 outlets
- Automatic transfer switching within 5 ms
- Mounts in 1U of space in EIA-standard 19 in. racks
- Digital load meter for real-time output current monitoring

Package Includes

- PDUMH15HVAT TAA-Compliant 2–2.4kW Single-Phase ATS/Metered PDU
- (10) C14 plug lock inserts
- (2) C13 to C14 power cords, 3.6 m (11.8 ft.)
- (2) Mounting brackets, horizontal
- (2) Mounting brackets, vertical
- (6) Screws
- Owner's manual

Description

The PDUMH15HVAT 2–2.4kW Single-Phase 200–240V ATS/Metered PDU enables redundant power for network devices with non-redundant power supply configurations. Ideal for data centers and server rooms, it mounts in 1U of space in EIA-standard 19-inch racks and features 10 C13 outlets.

Dual 3.6-meter input cords with IEC-320 C14 plugs connect to separate primary and secondary single-phase power sources in a nominal voltage range from 200–240V. Plug lock inserts prevent cords from accidental disconnection. The PDUMH15HVAT 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 2–5 milliseconds should the primary source fail or become unstable to ensure your connected equipment operates without interruption.

Built-in slot supports the optional SNMPWEBCARD and WEBCARDLX (sold separately), which turn the PDUMH15HVAT into a switched PDU by allowing remote access to the PDU for power monitoring, configuration, outlet control and notifications via web browser, SSH, telnet or SNMP. Digital ammeter monitors total output current. LEDs display outlet on/off status and input power status on primary and secondary inputs.

Features

Primary and Secondary Inputs for Power Redundancy

- Enables redundant power for network devices with non-redundant power supply configurations
- Dual 3.6 m input cords with IEC-320 C14 plugs connect to separate primary and secondary single-phase power sources
- 10 C13 outlets

Automatic Transfer Switching

- Dynamic solid-state (TRIAC) automatic transfer switching
- Switches to secondary power source if primary source fails or becomes unstable
- 2–5 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

Digital Load Meter

- Easy-to-read ammeter displays total current used by connected equipment

LED Indicators

- Individual LEDs display outlet on/off status and input power status on primary and secondary inputs

Advanced Network Monitoring Options

- Built-in card slot accommodates SNMPWEBCARD and WEBCARDLX accessories (sold separately)
- Optional cards create a switched PDU by allowing remote access for power monitoring, configuration, outlet control and notification via web browser, SSH, telnet or SNMP

Mounts Horizontally in 1U of Rack Space

- Compatible with EIA-standard 19 in. racks

TAA-Compliant

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

Specifications

OVERVIEW	
PDU Type	Metered; Auto-Transfer Switch
OUTPUT	
Output Capacity Details	2.4kW (240V), 2.3kW (230V), 2.2kW (220V), 2.08kW (208V), 2.0kW (200V) / 10A total capacity
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(10) C13
Output Nominal Voltage	200; 208; 220; 230; 240
Overload Protection	n/a
Customized Load Management Receptacles	Adding supported Network Management Card accessory offers upgrade path to switched PDU (8 C13 outlets are switchable upon upgrade); Network Management Card also can be inserted temporarily as a configuration tool to custom program power-on and power-off C13 outlet sequences with user-specified time delays in response to loss and restoration of primary input
INPUT	
PDU Input Voltage	200; 208; 220; 230; 240
Maximum Input Amps	10
PDU Plug Type	(2) IEC-320 C14
Input Cord Details	Set of 2 C14 inlets and two included cordsets enable connection to separate PRIMARY and SECONDARY power sources
Input Cord Length (ft.)	12

Input Cord Length (m)	3.66
Input Phase	Single-Phase

USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	Digital display reports total PDU output current in amps
Front Panel LEDs	8 LEDs display power on-off status for each C13 output receptacle, plus 2 additional LEDs to indicate input power status for primary and secondary inputs
Switches	Toggle switch near digital display enables the setting of "HI" for 220, 230 or 240V nominal applications or "LO" for 200 or 208V applications

PHYSICAL	
Minimum Required Rack Depth (inches)	18.3
Minimum Required Rack Depth (cm)	46.48
Shipping Dimensions (hwd / in.)	4.33 x 20.28 x 22.83
Shipping Dimensions (hwd / cm)	11 x 51.5 x 58
Shipping Weight (lbs.)	15.56
Shipping Weight (kg)	7.06
Unit Dimensions (hwd / in.)	1.71 x 17.33 x 14.45
Unit Dimensions (hwd / cm)	4.34 x 44 x 36.7
Unit Weight (lbs.)	10.32
Unit Weight (kg)	4.68
Material of Construction	Steel
Form Factors Supported	1U rackmount
PDU Form Factor	1U; Horizontal
Minimum Required Rack Depth (mm)	465

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	
Network Management Cards	SNMPWEBCARD; WEBCARDLX

CERTIFICATIONS	

Certifications	Tested to UL 60950-1 (USA, Canada), CE (EU), NOM (Mexico), GOST (Russia), EN55032:2015 and EN62040-2:2006, FCC Class A (Emissions), RoHS Complaint, TAA Compliant
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty