2.4kW Single-Phase Local Metered Automatic Transfer Switch PDU, Two 200-240V C14 Inlets, 10 C13 Outputs, 1U, TAA

MODEL NUMBER: **PDUMH15HVAT**











Enables redundant power for non-redundant single-corded network devices. Digital display helps monitor load levels to prevent overloads that cause costly downtime.

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/Local Metered PDU
- (10) C14 plug lock inserts
- (2) C13 to C14 power cords, 3.6 m (11.8 ft.)
- Rack mounting hardware
- (6) Screws
- Owner's manual

Description

The PDUMH15HVAT 2–2.4kW Single-Phase 200–240V Local Metered Automatic Transfer Switch / ATS 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 WEBCARDLX (sold separate), 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 rack PDU (rPDU) 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	
UPC Code	037332197900
PDU Type	Local Metered; Auto-Transfer Switch
INPUT	
Input Phase	Single-Phase
PDU Input Voltage	200; 208; 220; 230; 240
Recommended Electrical Service	Two single-phase 10A 200-240V circuits
Maximum Input Amps	10
Input Connection Type	C14 inlet
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
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	200-240V

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
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	Digital display reports total PDU output current in amps
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
LED Indicators	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
SURGE / NOISE SUPPRESSION	
Automatic Shut-Off	No
PHYSICAL	
Material of Construction	Steel
Rack Height	1U
Form Factors Supported	1U rackmount
Minimum Required Rack Depth (cm)	46.48
Minimum Required Rack Depth (inches)	18.3
PDU Form Factor	Horizontal (1U)
Shipping Dimensions (hwd / in.)	4.33 x 20.28 x 22.83
Shipping Dimensions (hwd / cm)	11.00 x 51.51 x 57.99
Shipping Weight (lbs.)	15.56
Shipping Weight (kg)	7.06
Unit Dimensions (hwd / in.)	1.710 x 17.320 x 14.450
Unit Dimensions (hwd / cm)	4,34 x 44 x 36,7
Unit Weight (lbs.)	10.32
Unit Weight (kg)	4.68
ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	-22° to 122°F (-30° to 50°C)
Relative Humidity	5% to 95% non-condensing
Operating Elevation	0-10000 ft. (0-3000 m)
COMMUNICATIONS	
Network Management Cards	SNMPWEBCARD; WEBCARDLX; WEBCARDLXE

FEATURES & SPECIFICATIONS	
High Availability PDU Features	Auto-Transfer Switching
STANDARDS & COMPLIANCE	
Product Certifications	EN 55032; GOST (Russia); EN 62040-2; NOM (Mexico); UL 60950-1
Product Compliance	RoHS; CE (Europe); FCC Part 15 Class A (USA); UKCA; Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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