7.7kW Single-Phase 200-240V Local Metered Automatic Transfer Switch PDU, 2 IEC309 32A Blue Inputs, 16 C13, 2 C19 Outlets, 2U, TAA

MODEL NUMBER: **PDUMH32HVAT**

Highlights

- Single-phase IEC 309 32A Blue (2P+E) input and 200-240V output
- 16 C13 and 2 C19 outlets in 2 load banks
- Automatic transfer switching within 1–5 ms
- Mounts in 2U of space in EIA-standard 19 in. racks
- Multifunction digital display with LED indicators

Package Includes

- PDUMH32HVAT 7.7kW Single-Phase 200-240V ATS/Local Metered PDU
- Rack-mounting brackets
- Plug-lock cable retention sleeves
- Cable ties
- Owner's manual

High-capacity 7.7kW PDU with ATS provides local metering and enables redundant power for non-redundant hardware. LED display helps monitor load levels to prevent overloads that cause downtime.

Description

The PDUMH32HVAT 7.7kW Single-Phase 200-240V Local Metered Automatic Transfer Switch / ATS PDU provides 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 19-inch racks and features 18 outlets (16 C13 and two C19) in two load banks, each bank protected by a 20A circuit breaker.

Dual three-meter input cords with IEC 309 32A Blue (2P+E) plugs connect to separate primary and secondary single-phase 200-240V 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.

Multifunction digital display with LED indicators reports output current, voltage and kW loading information.

Features

Primary and Secondary Inputs for Power Redundancy Provides power monitoring and enables redundant power for network devices with non-redundant power supply configurationsDual 3m input cords with IEC 309 32A Blue (2P+E) plugs connect to separate primary and secondary single-phase power sources

Automatic Transfer Switching Dynamic solid-state (TRIAC) automatic transfer switchingSwitches to secondary power source if primary source fails or becomes unstable1–5 ms transfer time ensures uninterrupted operation of connected equipmentBuilt-in processor monitors both sources and prevents switching if secondary source is unavailable or of lower quality than primary source

Multifunction Digital Display Front-panel digital display with LED indicators reports output current, voltage and kW loading information

20A Circuit Breakers Protect each of 2 single-phase output banksFront-panel LED indicates when breaker has tripped

Cord Retention Sleeves Set of Plug-lock output power cable retention sleeves prevent accidental

disconnection of connected devices

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	
UPC Code	037332186881
PDU Type	Local Metered; Auto-Transfer Switch

INPUT	
PDU Input Voltage	200; 220; 230; 240
Recommended Electrical Service	Two single-phase 32A 200-240V circuits
Maximum Input Amps	32
PDU Plug Type	(2) IEC-309 32A BLUE (2P+E)
Input Phase	Single-Phase
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

OUTPUT	
Output Capacity Details	7.7kW (240V), 7.4kW (230V), 7.0kW (220V), 6.7kW (208), 6.4kW (200V) total capacity; 32A maximum; 16A max per breakered outlet bank; 16A max per C19 outlet; 10A max per C13 outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(16) C13; (2) C19
Output Nominal Voltage	200-240V
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)

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)

SURGE / NOISE SUPPRESSION	
Automatic Shut-Off	No

PHYSICAL	
Material of Construction	Metal
Form Factors Supported	2U rackmount
Minimum Required Rack Depth (cm)	40.64
Minimum Required Rack Depth (inches)	16
PDU Form Factor	Horizontal (2U)
Shipping Dimensions (hwd / cm)	19.56 x 42.42 x 49.02
Shipping Dimensions (hwd / in.)	7.70 x 16.70 x 19.30
Shipping Weight (kg)	9.21
Shipping Weight (lbs.)	20.30
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

ENVIRONMENTAL	
Operating Temperature Range	0C ~ 40C (32F ~ 104F)
Storage Temperature Range	-30°C to +50°C (-22°F to +122°F)
Relative Humidity	5-95% non-condensing
Operating Elevation (ft.)	0-10,000
Operating Elevation (m)	0-3000

FEATURES & SPECIFICATIONS	
High Availability PDU Features	Auto-Transfer Switching

STANDARDS & COMPLIANCE	
Certifications	Tested to CE / IEC 60950-1, EN CLASS A (Emissions), NOM (Mexico), RoHS Compliant, TAA Compliant
Certification Details	Series Numbers(s) AG-0151

WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty