

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

MODEL NUMBER: PDUMH32HVAT



Highlights

- Single-phase IEC309 32A Blue (2P+E) input and 230V 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 7.4kW Single-Phase 230V ATS/Switched PDU
- Rack-mounting brackets
- Cord retention brackets
- Cable ties
- Owner's manual

Description

The PDUMH32HVAT 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 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.

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

Features

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 Display

- Front-panel digital display with LED indicators reports output current, voltage, power factor and kW loading information



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1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
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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	Metered; 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
Input Connection Type	Two labelled IEC309 32A Blue cables support Primary and Secondary input connections
PDU Plug Type	(2) IEC-309 32A BLUE (2P+E)
Input Cord Length (ft.)	10
Input Cord Length (m)	3
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



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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.)	7.7 x 16.7 x 19.3
Shipping Dimensions (hwd / cm)	19.6 x 42.4 x 49
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)	6.2
Material of Construction	Metal
Form Factors Supported	2U rackmount
PDU Form Factor	Horizontal (1U, 2U, etc)
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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