

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.

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

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

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 | |
|--------------------------------|---|
| UPC Code | 037332197900 |
| PDU Type | Local Metered; Auto-Transfer Switch |
| INPUT | |
| 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 Phase | Single-Phase |
| 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 |

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| 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 |
| 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 |
| SURGE / NOISE SUPPRESSION | |
| Automatic Shut-Off | No |
| PHYSICAL | |
| Material of Construction | Steel |
| 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 | 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 |
| COMMUNICATIONS | |

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|--------------------------------------|--|
| Network Management Cards | SNMPWEBCARD; WEBCARDLX |
| 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 |