

7.4kW 200-240V Single-Phase ATS/Monitored PDU - 16 C13 & 2 C19 Outlets, Dual IEC 309 32A Blue Inputs, 3 m Cords, 2U, TAA

MODEL NUMBER: PDUMNH32HVAT2



ATS PDU allows real-time current metering and remote power monitoring to help prevent circuit overloads and ensure proper load balance.

Features

Single-Phase 32A 200-240V ATS PDU Distributes and Monitors Network-Grade Power in Real Time

This monitored rack PDU (rPDU) provides real-time remote monitoring of voltage, frequency and load levels via its built-in network interface. Ideal for network IT applications, small computer rooms and other equipment rack applications, the PDUMNH32HVAT2 features 16 C13 and 2 C19 outlets in two load banks, each bank protected by a 20A circuit breaker. Dual three-meter power cords with IEC 309 32A Blue inputs connect to separate primary and secondary mains circuits, backup generators, UPS systems or utility power grids, including out-of-phase sources.

Switches from Primary to Secondary Power Source in Milliseconds

Dynamic solid-state automatic transfer switching (ATS) 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. An on-board ATS processor constantly evaluates the power quality of both input sources. It prevents switching if the secondary source is unavailable or of lower quality than the primary source.

Built-In LX Platform Network Management Card Allows Remote Access 24/7

The Java-free HTML5-based WEBCARDLX network interface enables full remote access for PDU status monitoring and email notifications via secure web browser, SNMP, telnet or SSH. The latest version of PowerAlert Device Manager (PADM20) provides enhanced remote management capabilities, including customizable dashboard graphs to fit user preferences. The PADM20 upgrade and PowerAlert Element Manager (PAEM) form a powerful tool for expanding maintenance functions in large installations, including firmware update checks and backup and restoration of device configurations.

Digital Load Meter Helps Prevent Potentially Expensive Overloads

A digital ammeter reports the total load for all connected equipment in amps and kilowatts. Monitoring capacity helps ensure load levels remain well below maximum capacity levels with no danger of overload that could lead to costly downtime or damaged equipment. Maintaining proper load levels, even while adding new equipment, can keep your TCO (total cost of ownership) low. Current monitoring provides 1% billing grade accuracy.

Mounts into 2U of Rack Space or on a Wall

Use the included mounting hardware to install the all-metal housing into 1U of space in an EIA-standard

Highlights

- Built-in HTML5-based LX Platform interface allows you 24/7 remote access
- Enables redundant A/B power option for single-corded network devices
- Digital meter for real-time voltage, amp and load monitoring helps prevent overloads
- 3 m cords with IEC 309 32A Blue inputs connect to separate power sources
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Package Includes

- PDUMNH32HVAT2 7.4kW Single-Phase ATS/Monitored PDU
- Configuration cable, USB-A to USB Micro-B
- Rack-mounting hardware
- Installable plug-retention sleeves
- Cable ties
- Owner's manuals

19-inch rack. You may also use the mounting brackets to secure the PDU to a wall or under a counter.

TAA-Compliant for GSA Schedule Purchases

The PDUMNH32HVAT2 is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

Specifications

| OVERVIEW | |
|-----------------------------------|--|
| UPC Code | 037332261441 |
| PDU Type | Auto-Transfer Switch; Local Metered; Monitored |
| INPUT | |
| Input Phase | Single-Phase |
| PDU Input Voltage | 200-240V |
| Recommended Electrical Service | 32A 230V |
| Maximum Input Amps | 32 |
| PDU Plug Type | (2) IEC-60309 32A BLUE (2P+E) |
| 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 (kW) | 7.4 |
| Output Capacity Details | 7.4kW (230V), 7.0kW (220V), 6.4kW (200V); 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 | 200V; 220V; 230V |
| 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 and kilowatts 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, IP address. Temperature and Humidity will report through display when an optional Envirosense2 module is attached. |
| Front Panel LEDs | Front panel LEDs confirm amp / kilowatt / voltage reporting information. Two AC active source LEDs for primary and secondary input availability. |
| Switches | ENTER and MODE switches toggle the digital display to show output amps (Banks 1-4), total kW output and input voltage (primary, secondary), and IP address.. |
| SURGE / NOISE SUPPRESSION | |

| | |
|--------------------------------------|---|
| Automatic Shut-Off | No |
| PHYSICAL | |
| Material of Construction | Metal |
| Rack Height | 2U |
| 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 / in.) | 7.70 x 16.70 x 19.30 |
| Shipping Weight (kg) | 9.21 |
| Unit Dimensions (hwd / in.) | 3.500 x 17.500 x 12.500 |
| 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 | 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 | |
| PowerAlert Software | LX Platform Interface: PowerAlert Device Manager |
| Communications Cable | Micro-USB- to-USB A configuration/console Access cable |
| Network Monitoring Port | RJ45 Network port, Micro-USB Configuration port, USB A port supports a variety of Envirosense2 environmental and control modules. See Accessories>Management Hardware section for more information about these modules. |
| SNMP Compatibility | Yes |
| Network Compatibility | 10 Mbps; 100 Mbps (Fast Ethernet) |
| Network Speed Details | 10 / 100 |
| Network Management Card Description | PowerAlert Device Manager 20 (PADM20) supports SNMP / HTTP / HTTPS / TELNET / SSH / CLI user interfaces |
| Communications Interface | (1) DB9 Serial; (1) Micro-USB; (1) Pre-installed network card; (1) RJ45 Network; (1) USB-A |
| FEATURES & SPECIFICATIONS | |
| High Availability PDU Features | Auto-Transfer Switching |
| STANDARDS & COMPLIANCE | |
| Product Certifications | IEC 62368-1; RETIE (Colombia) |



Powering Business Worldwide



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|-------------------------------------|--|
| Product Compliance | RoHS; CE (Europe); FCC Part 15 Class A (USA); Trade Agreements Act (TAA) |
| WARRANTY & SUPPORT | |
| Product Warranty Period (Worldwide) | 2-year limited warranty |

1000 Eaton Boulevard
Cleveland, OH 44122
United States
<https://tripplite.eaton.com>

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