

1.92kW 120V Single-Phase ATS/Local Metered PDU - 16 5-15/20R Outlets, Dual L5-20P/5-20P Inputs, 12 ft. Cords, 1U, TAA

MODEL NUMBER: PDUMH20ATS



ATS PDU allows real-time current metering to prevent circuit overloads and enables redundant power for non-redundant network devices.

Features

Single-Phase 20A ATS rack PDU (rPDU) Distributes and Monitors Network-Grade Power in Real Time

This local metered PDU provides real-time local reporting of the total load level via its built-in digital current metering. Ideal for network IT applications, small computer rooms and other equipment rack applications, the PDUMH20ATS features 16 NEMA 5-15/20R 120V outlets for connecting equipment. Dual 12-foot (3.7-meter) power cords with NEMA L5-20P inputs (two 5-20P adapters are included) 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

Automatic transfer switching (ATS) allows the PDU to switch to the secondary source within 2–7 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.

Digital Load Meter Helps Prevent Potentially Expensive Overloads

A digital ammeter reports the total load for all connected equipment. Monitoring amperage helps ensure load levels remain well below maximum capacity 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.

Mounts into 1U 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 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 PDUMH20ATS 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

Highlights

- 16 NEMA 5-15/20R 120V outlets distribute AC power to connected equipment
- Digital ammeter for on-site real-time load monitoring helps prevent power overloads
- Dual 12 ft. cords with NEMA L5-20P inputs connect to separate power sources
- Installs in 1U of space in EIA-standard 19 in. racks using included mounting brackets
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Applications

- Deliver network-grade power to high-density equipment in networking, telecom, security, audio/video and sound reinforcement applications
- Monitor power load in real time from all connected computers, switches, servers and other networking equipment
- Provide redundant power to network devices with non-redundant power supplies

Package Includes

- PDUMH20ATS 1.92kW Single-Phase ATS/Local Metered PDU
- Detachable C19 to NEMA L5-20P secondary input cord, 12 ft. (3.7 m)
- (2) L5-20R to 5-20P plug adapters
- Cable Retention Kit
- Rack-mounting hardware
- Owner's manual

| OVERVIEW | |
|--------------------------------------|---|
| UPC Code | 037332261373 |
| PDU Type | Auto-Transfer Switch; Local Metered |
| INPUT | |
| Input Phase | Single-Phase |
| PDU Input Voltage | 100; 120; 127 |
| Recommended Electrical Service | 20A 120V |
| Maximum Input Amps | 20 |
| Maximum Input Amps Details | Agency de-rated to 16A maximum |
| Input Connection Type | Primary: Attached L5-20P, Secondary: C20 inlet with detachable C19-to-L5-20P cordset; L5-20-to-L5-20P adapters |
| PDU Plug Type | (2) NEMA 5-20P; (2) NEMA L5-20P |
| Input Cord Details | Set of two L5-20P cordsets with two 5-20P adapters enable connection to separate PRIMARY and SECONDARY power sources |
| Input Cord Length (ft.) | 12 |
| Input Cord Length (m) | 3.66 |
| OUTPUT | |
| Output Capacity Details | 2.03kW (127V), 1.92kW (120V), 1.6kW (100V) / 20A total capacity (Agency de-rated to 16A); 16A max per outlet |
| Frequency Compatibility | 50 / 60 Hz |
| Output Receptacles | (16) 5-15/20R |
| Output Nominal Voltage | 100V; 120V; 127V |
| USER INTERFACE, ALERTS & CONTROLS | |
| Front Panel LCD Display | Digital display reports total PDU output current in amps |
| Front Panel LEDs | 16 front panel LEDs display power on / off status for each outlet, 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 | Metal |
| Rack Height | 1U |
| Form Factors Supported | 1U rackmount |
| Minimum Required Rack Depth (cm) | 49.53 |
| Minimum Required Rack Depth (inches) | 19.5 |
| PDU Form Factor | Horizontal (1U) |



Powering Business Worldwide

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|--------------------------------------|---|
| Shipping Dimensions (hwd / in.) | 5.40 x 23.30 x 20.10 |
| Shipping Weight (kg) | 9.39 |
| Unit Dimensions (hwd / in.) | 1.750 x 17.500 x 14.500 |
| Unit Dimensions (hwd / cm) | 4.44 x 44.4 x 36.8 |
| Unit Weight (lbs.) | 12.2 |
| Unit Weight (kg) | 5.53 |
| 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) |
| FEATURES & SPECIFICATIONS | |
| Grounding | Rear grounding lug |
| High Availability PDU Features | Auto-Transfer Switching |
| STANDARDS & COMPLIANCE | |
| Product Certifications | CSA (Canada); NOM (Mexico); UL 60950-1 |
| Product Compliance | RoHS; FCC Part 15 Class A (USA); Trade Agreements Act (TAA) |
| WARRANTY & SUPPORT | |
| Product Warranty Period (Worldwide) | 2-year limited warranty |

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