

2.9kW Single-Phase Local Metered Automatic Transfer Switch PDU, 2 120V L5-30P Inputs, 24 5-15/20R & 1 L5-30R Outputs, 2U, TAA

MODEL NUMBER: PDUMH30AT



Features

- 120V 30A Automatic Transfer Switch (ATS) / Local Metered PDU (Agency de-rated to 24A continuous)
- Provides a redundant A/B power option for non-redundant networking equipment with a single input power cord
- Visual meter reports output amp and kW power consumption, plus input voltage
- 2U horizontal rackmount form factor; 11.9 in. / 30.2 cm depth
- 25 outlets (24 5-15/20R, 1 L5-30R)
- Set of two 10-ft. / (3.05 m) NEMA L5-30P input line cords enable separate PRIMARY and SECONDARY input connections
- ATS circuits normally maintain output sourced from the primary input cable; As primary input power fails or becomes unstable, the ATS will switch to maintain output sourced from the secondary input cable until power on the primary input is restored and stable
- Highly reliable solid-state switching enables fast 1-5 millisecond transfer between primary and secondary inputs
- ATS configurations enable fault-tolerant, hot-swappable UPS protection when used with a single UPS and fully redundant UPS protection when each cord is connected to a separate UPS system (in a two-UPS environment, the primary input cable must be supported by an online UPS with zero transfer time similar to Tripp Lite SmartOnline series)
- Advanced ATS configurations utilizing separate mains circuits, backup generators and even separate out of phase utility power grid feeds are fully supported
- On-board ATS processor constantly evaluates power quality on both inputs to prevent transfer to the secondary source when unavailable or of lower quality than the primary source
- Front panel LEDs confirm power availability on both input lines
- Compliant with the Federal Trade Agreements Act(TAA) for GSA Schedule purchases

Specifications

Highlights

- Single phase 24A 120V Auto Transfer Switch / ATS PDU; Highly reliable Solid State Switching
- Enables redundant A/B power option for single-corded network devices
- Separate primary & secondary inputs connect to any two compatible power sources
- 2U horizontal rackmount; 2 L5-30P inputs; 24 5-15/20R & 1 L5-30R outlets
- Digital meter reports voltage, kW load level and output amperage in 4 load segments
- TAA Compliant

Package Includes

- ATS / Local Metered PDU
- Rackmount installation brackets
- Installable plug-retention shelves & cable ties

| OVERVIEW | |
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| UPC Code | 037332157287 |
| PDU Type | Auto-Transfer Switch; Local Metered |
| INPUT | |
| Input Phase | Single-Phase |
| PDU Input Voltage | 120 |
| Recommended Electrical Service | Two single-phase 30A 120V circuits |
| Maximum Input Amps | 24 |
| Maximum Input Amps Details | Agency de-rated to 24A continuous |
| PDU Plug Type | (2) NEMA L5-30P |
| 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 | 2.88kW (120V) / 24A total capacity; 24A max per L5-30R outlet; 20A max per breakered load bank; 16A max per 5-15/20R outlet |
| Frequency Compatibility | 50 / 60 Hz |
| Output Receptacles | (24) 5-15/20R; (1) L5-30R |
| Output Nominal Voltage | 120V |
| Overload Protection | Two 20A output breakers protect 12 5-15/20R outlets each |
| USER INTERFACE, ALERTS & CONTROLS | |
| Front Panel LCD Display | Digital display reports output amps in 4 separately metered loading segments (BANK 1: 5-20R outlets #1-12; BANK 2: 5-20R outlets #13-24; BANK 3: L5-30R outlet #25; BANK 4: Total PDU output), whole-PDU output kW load level and input voltage on primary and secondary input lines |
| Front Panel LEDs | 2 LEDs for power status on Primary and Secondary input connection and three additional LEDs to label the displayed numeric value as Amps, kW or Voltage |
| 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) | 42.93 |

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| Minimum Required Rack Depth (inches) | 16.9 |
| PDU Form Factor | Horizontal (2U) |
| Shipping Dimensions (hwd / in.) | 8.07 x 20.47 x 17.13 |
| Shipping Dimensions (hwd / cm) | 20.50 x 51.99 x 43.51 |
| Shipping Weight (lbs.) | 17.55 |
| Shipping Weight (kg) | 7.96 |
| Unit Dimensions (hwd / in.) | 3.410 x 17.320 x 11.890 |
| Unit Dimensions (hwd / cm) | 8.66 x 44 x 30.2 |
| Unit Weight (lbs.) | 13.71 |
| Unit Weight (kg) | 6.22 |
| 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 (ft.) | 0-10,000 |
| Operating Elevation (m) | 0-3000 |
| 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 |