

## 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 rack-mount 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 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

### 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 and secondary inputs connect to any two compatible power sources
- 2U horizontal rackmount; 2 L5-30P inputs; 24 5-15/20R and 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

## Specifications

### OVERVIEW



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|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UPC Code                                     | 037332157287                                                                                                                                                                                                                                                                         |
| PDU Type                                     | Auto-Transfer Switch; Local Metered                                                                                                                                                                                                                                                  |
| <b>INPUT</b>                                 |                                                                                                                                                                                                                                                                                      |
| 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                                                                                                                                                                                                                                                                                 |
| <b>OUTPUT</b>                                |                                                                                                                                                                                                                                                                                      |
| 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                                                                                                                                                                                                                             |
| <b>USER INTERFACE, ALERTS &amp; CONTROLS</b> |                                                                                                                                                                                                                                                                                      |
| 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 |
| Switches                                     | ENTER and MODE switches toggle the digital display to show output amps (Banks 1-4), total kW output and input voltage (primary, secondary)                                                                                                                                           |
| LED Indicators                               | 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                                                                                                                              |
| <b>SURGE / NOISE SUPPRESSION</b>             |                                                                                                                                                                                                                                                                                      |
| Automatic Shut-Off                           | No                                                                                                                                                                                                                                                                                   |
| <b>PHYSICAL</b>                              |                                                                                                                                                                                                                                                                                      |
| Material of Construction                     | Metal                                                                                                                                                                                                                                                                                |
| Rack Height                                  | 2U                                                                                                                                                                                                                                                                                   |
| Form Factors Supported                       | 2U rackmount                                                                                                                                                                                                                                                                         |
| Minimum Required Rack Depth (cm)             | 42.93                                                                                                                                                                                                                                                                                |
| Minimum Required Rack Depth (inches)         | 16.9                                                                                                                                                                                                                                                                                 |



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| 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                                                        |
| <b>ENVIRONMENTAL</b>                 |                                                             |
| 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)                                      |
| <b>FEATURES &amp; SPECIFICATIONS</b> |                                                             |
| Grounding                            | Rear grounding lug                                          |
| High Availability PDU Features       | Auto-Transfer Switching                                     |
| <b>STANDARDS &amp; COMPLIANCE</b>    |                                                             |
| Product Certifications               | CSA (Canada); NOM (Mexico); UL 60950-1                      |
| Product Compliance                   | RoHS; FCC Part 15 Class A (USA); Trade Agreements Act (TAA) |
| <b>WARRANTY &amp; SUPPORT</b>        |                                                             |
| Product Warranty Period (Worldwide)  | 2-year limited warranty                                     |

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