

## 5.8kW Single-Phase Local Metered Automatic Transfer Switch PDU, Two 200-240V L6-30P Inputs, 16-C13 2-C19 & 1 L6-30R Outlet, 2U, TAA

MODEL NUMBER: PDUMH30HVAT



### Features

- 200-240V 30A Automatic Transfer Switch (ATS) / Local Metered rack PDU (rPDU) (Agency de-rated to 24A continuous)
- ATS features provide redundant power for critical network equipment with a single input power cord
- Digital display with selection button reports voltage, amperage and kilowatt loading information in four output segments (Segment 1: 8 C13 & 1 C19 outlets / Segment 2: 8 C13 & 1 C19 outlets / Segment 3: L6-30R outlet / Segment 4: total output of all outlets combined)
- 19 built-in outlets (16 C13, 2 C19, 1 L6-30R)
- Set of Plug-lock output power cable retention sleeves prevent accidental disconnection of connected devices
- Set of two 10-ft. / (3.05 m) NEMA L6-30P input cables support connection to separate PRIMARY and SECONDARY power sources
- 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 as sourced from the secondary input cable until power on the primary input is restored and stable
- 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 2 UPS environment, the primary input must be connected to an online double conversion UPS 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
- Super-fast switchover between primary and secondary power sources occurs in 1-5 milliseconds
- Front panel LEDs confirm power availability on both input lines
- Trade Agreements Act / TAA Compliant for GSA Schedule purchases

### Highlights

- Single phase 24A 200-240V Auto Transfer Switch / ATS Local Metered PDU with Solid State Switching
- Enables redundant-power configurations for single-corded network devices
- Separate primary and secondary inputs connect to any two compatible power sources
- 2U horizontal rackmount; 2 L6-30P inputs; 19 outlets (16 C13, 2 C19, 1 L6-30R)
- Front panel digital display with LED indicators reports output amps in 4 loading segments, plus total kW and input voltage
- Trade Agreements Act / TAA Compliant for GSA Schedule purchases

### Package Includes

- Auto Transfer Switch PDU
- Rackmount installation brackets
- Plug-lock cable retention sleeves
- Installable plug-retention shelves & cable ties

## Specifications



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| OVERVIEW                          |                                                                                                                                                                                                                                        |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UPC Code                          | 037332159212                                                                                                                                                                                                                           |
| PDU Type                          | Local Metered; Auto-Transfer Switch                                                                                                                                                                                                    |
| INPUT                             |                                                                                                                                                                                                                                        |
| Input Phase                       | Single-Phase                                                                                                                                                                                                                           |
| PDU Input Voltage                 | 200; 208; 220; 230; 240                                                                                                                                                                                                                |
| Recommended Electrical Service    | Two single-phase 30A 200-240V circuits                                                                                                                                                                                                 |
| Maximum Input Amps                | 24                                                                                                                                                                                                                                     |
| Maximum Input Amps Details        | Agency de-rated to 24A continuous                                                                                                                                                                                                      |
| PDU Plug Type                     | (2) NEMA L6-30P                                                                                                                                                                                                                        |
| 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           | 5.8kW (240V), 5.5kW (230V), 5.3kW (220V), 5kW (208V), 4.8kW (200V) total capacity / 30A max (Agency de-rated to 24A), 24A max per L6-30R outlet; 20A max per breakered outlet bank; 16A max per C19 outlet; 12A max per C13 outlet     |
| Frequency Compatibility           | 50 / 60 Hz                                                                                                                                                                                                                             |
| Output Receptacles                | (16) C13; (2) C19; (1) L6-30R                                                                                                                                                                                                          |
| Output Nominal Voltage            | 200-240V                                                                                                                                                                                                                               |
| 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); L6-30R outlet is unbreakered                                       |
| USER INTERFACE, ALERTS & CONTROLS |                                                                                                                                                                                                                                        |
| Front Panel LCD Display           | Digital display reports output amps in 4 separately metered loading segments (BANK 1: Outlets #1-9; BANK 2: Outlets #10-18; BANK 3: Outlet #19), 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                    | Front panel LEDs confirms amp / kilowatt / voltage reporting information                                                                                                                                                               |
| 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                                                                                                                                                                                                                                  |



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|--------------------------------------|-------------------------------------------------------------|
| Minimum Required Rack Depth (inches) | 16                                                          |
| PDU Form Factor                      | Horizontal (2U)                                             |
| Shipping Dimensions (hwd / in.)      | 7.70 x 16.70 x 19.30                                        |
| Shipping Dimensions (hwd / cm)       | 19.56 x 42.42 x 49.02                                       |
| Shipping Weight (lbs.)               | 20.30                                                       |
| 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                                                        |
| <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> |                                                             |
| High Availability PDU Features       | Auto-Transfer Switching                                     |
| <b>STANDARDS &amp; COMPLIANCE</b>    |                                                             |
| Product Certifications               | 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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