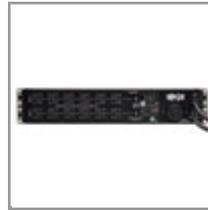


2.9kW Single-Phase ATS / Metered PDU, 120V Outlets (24 5-15/20R, 1 L5-30R), 2 L5-30P, 2 10ft Cords, 2U Rack-Mount, TAA

MODEL NUMBER: PDUMH30AT



Highlights

- Single phase 30A 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 / Metered PDU
- Rackmount installation brackets
- Installable plug-retention shelves & cable ties

Description

Tripp Lite Metered ATS / Auto Transfer Switch provides a redundant power option for single-corded network devices. Dual input cords support separate connection to PRIMARY and SECONDARY power sources. The ATS will normally maintain continuous output to all outlets as derived from the primary input cable. If the primary power source becomes unstable or fails altogether, the ATS will switch over to the secondary power source until the primary input is restored and stable. Highly reliable solid-state switching between primary and secondary power sources occurs within milliseconds. ATS functionality is supported by any two compatible AC power sources, regardless of phase angle, to support a variety of advanced redundant power networking applications. Enables 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 a full time sine wave UPS with zero transfer time. Tripp Lite SmartOnline series is highly recommended for use as the primary UPS in a two-UPS application. ATS configurations utilizing separate mains circuits, backup generators and even separate utility power grid feeds are fully supported. On-board ATS processor constantly evaluates power quality on both input sources to prevent transfer to the secondary source when unavailable or of lower quality than the primary source. Front input LED's display primary or secondary power availability.

Features

- 120V 30A Automatic Transfer Switch (ATS) / 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. / 3m 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

| OVERVIEW | |
|-----------------------------------|--|
| PDU Type | Auto-Transfer Switch; Metered |
| OUTPUT | |
| Output Capacity Details | 3.05kW (127V), 2.88kW (120V), 2.4kW (100V) / 30A total capacity (Agency de-rated 24A); 24A max per L5-30R outlet; 20A max per breakered load bank; 16A max per 5-15/20R outlet |
| Frequency Compatibility | 60 Hz |
| Output Receptacles | (24) 5-15/20R; (1) L5-30R |
| Output Nominal Voltage | 100; 120; 127 |
| Overload Protection | 2 20A output breakers protect 12 5-15/20R outlets each |
| INPUT | |
| PDU Input Voltage | 100; 120; 127 |
| Recommended Electrical Service | 30A 120V |
| Maximum Input Amps | 30 |
| 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 |
| Input Phase | Single-Phase |
| 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) |
| PHYSICAL | |
| Minimum Required Rack Depth (inches) | 16.9 |
| Minimum Required Rack Depth (cm) | 42.93 |
| Shipping Dimensions (hwd / in.) | 8 x 20.5 x 17 |
| Shipping Dimensions (hwd / cm) | 20.3 x 52.1 x 43.2 |
| Shipping Weight (lbs.) | 17.6 |
| Shipping Weight (kg) | 8 |
| Unit Dimensions (hwd / in.) | 3.41 x 17.32 x 11.89 |
| Unit Dimensions (hwd / cm) | 8.66 x 44 x 30.2 |
| Unit Weight (lbs.) | 13.71 |
| Unit Weight (kg) | 6.22 |
| Material of Construction | Metal |
| Form Factors Supported | 2U rackmount |
| PDU Form Factor | 2U; Horizontal |
| Minimum Required Rack Depth (mm) | 429 |
| ENVIRONMENTAL | |
| Storage Temperature Range | 5 to 122F (-15 to 50C) |
| Relative Humidity | 5-95% non-condensing |
| Operating Elevation (ft.) | 0-10,000 |
| Operating Elevation (m) | 0-3000 |
| COMMUNICATIONS | |
| SNMP Compatibility | n/a |
| SPECIAL FEATURES | |
| TVSS Grounding | Rear grounding lug |
| CERTIFICATIONS | |
| Certifications | Tested to UL 60950-1 (USA), CSA (Canada), Class A (Emissions), NOM (Mexico), RoHS Compliant, TAA Compliant |
| WARRANTY | |



Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

| | |
|-------------------------------------|-------------------------|
| Product Warranty Period (Worldwide) | 2-year limited warranty |
|-------------------------------------|-------------------------|

© 2017 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice.

Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies:

<https://www.tripplite.com/products/product-certification-agencies>