

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

MODEL NUMBER: PDUMH30AT



### 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

### 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



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- 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	
UPC Code	037332157287
PDU Type	Auto-Transfer Switch; Metered
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 Phase	Single-Phase
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	



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Frequency Compatibility	50 / 60 Hz
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
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
<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
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)
<b>PHYSICAL</b>	
Form Factors Supported	2U rackmount
Material of Construction	Metal
Minimum Required Rack Depth (cm)	42.93
Minimum Required Rack Depth (inches)	16.9
PDU Form Factor	Horizontal (2U)
Shipping Dimensions (hwd / cm)	20.50 x 51.99 x 43.51
Shipping Dimensions (hwd / in.)	8.07 x 20.47 x 17.13
Shipping Weight (kg)	7.96
Shipping Weight (lbs.)	17.55
Unit Dimensions (hwd / cm)	8.66 x 44 x 30.2
Unit Dimensions (hwd / in.)	3.41 x 17.32 x 11.89
Unit Weight (kg)	6.22
Unit Weight (lbs.)	13.71
<b>ENVIRONMENTAL</b>	
Storage Temperature Range	-30°C to +50°C (-22°F to +122°F)
Relative Humidity	5-95% non-condensing
Operating Elevation (ft.)	0-10,000
Operating Elevation (m)	0-3000
<b>COMMUNICATIONS</b>	
SNMP Compatibility	n/a



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SPECIAL FEATURES	
TVSS Grounding	Rear grounding lug
STANDARDS & COMPLIANCE	
Certifications	Tested to UL 60950-1 (USA), CSA (Canada), Class A (Emissions), NOM (Mexico), RoHS Complaint, TAA Compliant
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty

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