

5.8kW Single-Phase Metered Automatic Transfer Switch PDU, 2 208/240V L6-30P Cords, 16-C13 2-C19 & 1 L6-30R Outlet, 2U, TAA

MODEL NUMBER: PDUMH30HVAT



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 inputs occurs in 1-5 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

- 208/240V 30A Automatic Transfer Switch (ATS) / Metered PDU (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)

Highlights

- Single phase 30A 208/240V Auto Transfer Switch / ATS
Metered PDU with Solid State Switching
- Enables redundant-power configurations for single-corded network devices
- Separate primary & 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



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

- Set of Plug-lock output power cable retention sleeves prevent accidental disconnection of connected devices
- Set of two 10 ft. / 3m 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 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
- 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

Specifications

OVERVIEW	
UPC Code	037332159212
PDU Type	Metered; Auto-Transfer Switch
OUTPUT	
Frequency Compatibility	50 / 60 Hz
Output Capacity Details	5kW (208/240V), 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
Output Receptacles	(16) C13; (2) C19; (1) L6-30R
Output Nominal Voltage	200; 208; 240
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
INPUT	
PDU Input Voltage	200; 208; 240
Recommended Electrical Service	30A 208V
Maximum Input Amps	30



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Maximum Input Amps Details	Agency de-rated to 24A continuous
PDU Plug Type	(2) NEMA L6-30P
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
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
Front Panel LEDs	Front panel LEDs confirms amp / kilowatt / voltage reporting information
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	
Form Factors Supported	2U rackmount
Material of Construction	Metal
Minimum Required Rack Depth (cm)	40.64
Minimum Required Rack Depth (inches)	16
PDU Form Factor	Horizontal (2U)
Shipping Dimensions (hwd / cm)	19.56 x 42.42 x 49.02
Shipping Dimensions (hwd / in.)	7.70 x 16.70 x 19.30
Shipping Weight (kg)	9.21
Shipping Weight (lbs.)	20.30
Unit Dimensions (hwd / cm)	8.8 x 44.4 x 31.7
Unit Dimensions (hwd / in.)	3.5 x 17.5 x 12.5
Unit Weight (kg)	6.21
Unit Weight (lbs.)	13.7
ENVIRONMENTAL	
Storage Temperature Range	-30°C to +50°C (-22°F to +122°F)
Relative Humidity	5 to 95% (non-condensing)
Operating Elevation (ft.)	0-10,000
Operating Elevation (m)	0-3000
CERTIFICATIONS	
Certifications	Tested to UL 60950-1 (USA, Canada), Class A (Emissions), NOM (Mexico), RoHS Compliant, TAA Compliant



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

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