



Tripp Lite
1111 West 35th Street
Chicago, IL 60609 USA
Telephone: +(773) 869 1234
E-mail: saleshelp@tripplite.com

Model #: PDUMH30HVAT

Single-Phase Auto Transfer Switch / Metered PDU, 30A 208/240V, 2U Rackmount, 16 C13 2 C19 and 1 L6-30R outlets, two L6-30P inputs



Highlights

- Single phase 30A 208/240V Auto Transfer Switch / ATS PDU
- 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)
- Two digit visual current meter with 4 segment local current metering

Description

Tripp Lite Metered ATS / Auto Transfer Switch PDU systems enable redundant power configurations for network devices with a single input cord connection. Set of two ATS inputs support connection to separate PRIMARY and SECONDARY power sources. The ATS normally maintains continuous output to connected equipment derived from the primary input. If the primary input fails or becomes unstable, the ATS will switch over to the secondary power source until the primary input is restored and stable. Super-fast switchover between primary and secondary power sources occurs within milliseconds. ATS functionality is supported by any two compatible AC power sources 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, similar to Tripp Lite SmartOnline series. ATS configurations utilizing separate mains circuits, backup generators and even out-of-phase power sources 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 panel current meter offers continuous ATS loading information. Input LED's display primary and secondary power availability.

Applications

- Ideal for datacenters, computer rooms and network closet applications to provide single-corded network hardware with redundant power in a metered PDU format

Package Includes

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

Features

- 208V 30A Automatic Transfer Switch (ATS) / Metered PDU (Agency de-rated to 24A continuous)
- Provides a redundant power option for critical networking equipment with a single input power cord
- 2 digit display with segment selection button reports output power consumption in amps for 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 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 3-6 milliseconds
- Front panel LEDs confirm power availability on both input lines

Specifications

OVERVIEW	
PDU Type	Metered; Auto-Transfer Switch
OUTPUT	
Frequency compatibility	60 Hz
Output nominal voltage	208V, 240V
Outlet quantity / type	16 C13, 2 C19, 1 L6-30R
Outlet Type	C13, C19, L6-30R
INPUT	
Nominal Input Voltage(s) Supported	208V AC; 240V AC
PDU Input Voltage	208; 240
Maximum Input Amps (A)	30
Maximum Input Amps (A) Details	30A maximum (Agency de-rated to 24A continuous)
Input connection type	Two labelled NEMA L6-30P cables support Primary and Secondary input connections
PDU Plug Type	NEMA L6-30P
Voltage compatibility (VAC)	208; 240
Phase	Single-Phase
LEDS ALARMS & SWITCHES	
Switches	Front panel switch enables load bank selection for the current meter
Front panel LEDs	Primary and Secondary input connection. Digital current meter display shows the amount of power consumption in amps for entire PDU output.
PHYSICAL	
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)	16.9
Shipping weight (kg)	7.7
Unit Dimensions (HWD/in)	3.5 (2U) x 17.5 x 12.5
Unit Dimensions (HWD/cm)	8.8 (2U) x 44.4 x 31.7
Unit weight (lbs)	13.8

Unit weight (kg)	6.3
Material of construction	Steel
Style	Rackmount
Form factors supported	2U rackmount
PDU Form Factor	Horizontal (1U, 2U, etc)
ENVIRONMENTAL	
Relative Humidity	Up to 95% (non-condensing)
SPECIAL FEATURES	
Appearance	Black 2U rackmount steel chassis
CERTIFICATIONS	
Certifications	Tested to UL 60950-1 (USA, Canada), Class A (Emissions), NOM (Mexico), RoHS Complaint
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty

Related Items

Optional Products

Related Model	Description	Qty.
WEXT3-PDU-AT	3-Year Extended Warranty - For PDUMH15AT and PDUMH20AT only	1
WEXT5-PDU-AT	5-Year Extended Warranty - For PDUMH15AT and PDUMH20AT only	1
P041-001-2	1-ft. 10AWG Heavy Duty Power Splitter Cable (NEMA L6-30P to 2x NEMA L6-30R)	1
P004-002-13LA	AC Power Extension Cable - C13 Left Angle to C14 - 2'	1
P004-002-13RA	AC Power Extension Cable - C13 Right Angle to C14 - 2 ft.	1
P036-002-19RA	2-ft. 12AWG Heavy Duty Power cord (IEC-320-C19 Right Angle to IEC-320-C20)	1
P036-002-19LA	2-ft. 12AWG Heavy Duty Power cord (IEC-320-C19 Left Angle to IEC-320-C20)	1
P036-002-20RA	2-ft. 12AWG Heavy Duty Power cord (IEC-320-C19 to IEC-320-C20 Right Angle)	1
P036-002	2-ft. 12AWG Heavy Duty Power cord (IEC-320-C19 to IEC-320-C20)	1
P036-006	6-ft. 12AWG Heavy Duty Power cord (IEC-320-C19 to IEC-320-C20)	1
P036-006-2C19	6-ft. AC Power Splitter Cable (C20 to 2 x C19)	1
P005-002	2-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to IEC-320-C14)	1
P005-006	6-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to IEC-320-C14)	1
P005-010	10-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to IEC-320-C14)	1

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/en/products/model.cfm?txtModelID=4802.

Copyright © 2013 Tripp Lite. All rights reserved. All trademarks are the sole property of their respective owners. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Photos may differ slightly from final products.