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## Model #: PDUMH30AT

**Single-Phase Auto Transfer Switch / Metered PDU, 30A 120V, 2U Horizontal mount, 24 5-15/20R & 1 L5-30R outlets, 2 L5-30P inputs**

### Highlights

- Single phase 30A 120V Auto Transfer Switch / ATS PDU
- Enables redundant-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
- Two digit visual current meter with 4 segment local current metering



### 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. Super-fast switchover 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.

#### Applications

- Ideal means to provide single-corded network gear a redundant power option

#### Package Includes

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

### Features

- 120V 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: 12 5-15/20R outlets / Segment 2: 12 5-15/20R outlets / Segment 3: L5-30R outlet / Segment 4: total output of all outlets combined)
- 2U horizontal rackmount form factor; 12.5 in. / 31.8 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
- 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
- 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	100V, 120V, 127V
Outlet quantity / type	24 5-15/20R, 1 L5-30R
Outlet Type	5-15/20R, L5-30R
INPUT	
Nominal Input Voltage(s) Supported	100V AC; 120V AC; 127V AC
PDU Input Voltage	100; 120; 127
Maximum Input Amps (A)	24
Maximum Input Amps (A) Details	30A maximum (Agency de-rated to 24A continuous)
PDU Plug Type	NEMA L5-30P
Voltage compatibility (VAC)	100; 120; 127
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

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

## Related Items

### Optional Products

Related Model	Description	Qty.
<a href="#">WEXT3-PDU-AT</a>	3-Year Extended Warranty - For PDUMH15AT and PDUMH20AT only	1
<a href="#">WEXT5-PDU-AT</a>	5-Year Extended Warranty - For PDUMH15AT and PDUMH20AT only	1
<a href="#">P006-006-13LA</a>	6-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13 Left Angle)	1
<a href="#">P006-006-13RA</a>	6-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13 Right Angle)	1
<a href="#">P022-001</a>	1-ft. 18AWG Power Extension cord (NEMA 5-15R to NEMA 5-15P)	1
<a href="#">P023-001</a>	1-ft. 14AWG Power Adapter cord (NEMA L5-15R to NEMA 5-15P)	1
<a href="#">P044-061</a>	6-inch 12AWG Heavy Duty Power Adapter cord (NEMA-L5-20R to NEMA-5-20P)	1
<a href="#">P007-002</a>	2-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	1
<a href="#">P030-002-5</a>	5-Pack of 2-ft. 18AWG Power Cords NEMA 5-15P to IEC-320-C13)	1
<a href="#">P006-003</a>	3-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13)	1
<a href="#">P006-004</a>	4-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13)	1
<a href="#">P006-004-BL</a>	4-ft. 18AWG Power Cord (NEMA 5-15P to IEC-320-C13) with Blue Connectors	1
<a href="#">P006-004-GN</a>	4-ft. 18AWG Power Cord (NEMA 5-15P to IEC-320-C13) with Green Connectors	1
<a href="#">P006-004-RD</a>	4-ft. 18AWG Power Cord (NEMA 5-15P to IEC-320-C13) with Red Connectors	1
<a href="#">P006-004-YW</a>	4-ft. 18AWG Power Cord (NEMA 5-15P to IEC-320-C13) with Yellow Connectors	1
<a href="#">P006-006</a>	6-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13)	1
<a href="#">P006-006-2</a>	6-ft. AC Power Splitter Cable (NEMA 5-15P to 2 x IEC-320-C13)	1
<a href="#">P006-006-515MF</a>	6 ft. Piggyback Power Cord (NEMA 5-15P/R to IEC-320-C13 )	1
<a href="#">P007-006</a>	6-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	1
<a href="#">P007-010</a>	10-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	1
<a href="#">P034-010</a>	10-ft. 14AWG Heavy Duty Power cord ( IEC-320-C19 to NEMA 5-15P)	1
<a href="#">P006-010</a>	10-ft. 18AWG Power cord ( NEMA 5-15P to IEC-320-C13)	1

P049-010	10-ft. 12AWG Heavy Duty Power cord (IEC-320-C19 to NEMA 5-20P)	1
P010-012	12-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13)	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=4809](http://www.tripplite.com/en/products/model.cfm?txtModelID=4809).

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