

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

MODEL NUMBER: PDUMH30ATAA



Description

Tripp Lite Local 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.

Features

- 120V 30A Automatic Transfer Switch (ATS) / Local Metered PDU (Agency de-rated to 24A continuous)
- Provides a redundant power option for critical networking equipment with a single input power cord
- Visual meter reports output amp and kW power consumption, plus voltage
- 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

Highlights

- Federal Trade Agreements Act / TAA Compliant for GSA Schedule purchases
- Single phase 30A 120V Auto Transfer Switch / ATS PDU with Solid State Switching
- Enables redundant-power option for single-corded network devices
- Separate primary and secondary inputs connect to any two compatible power sources
- 2U horizontal rackmount; 2 L5-30P inputs; 24 5-15/20R and 1 L5-30R outlets
- Two digit visual current meter with 4 segment local current metering

Package Includes

- TAA Compliant version of Tripp Lite PDUMH30AT
- Rackmount installation brackets
- Installable plug-retention shelves and cable ties

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

Specifications

OVERVIEW	
UPC Code	037332273291
PDU Type	Local Metered; Auto-Transfer Switch
INPUT	
Input Phase	Single-Phase
Maximum Input Amps	30
Maximum Input Amps Details	Agency de-rated to 24A continuous
PDU Plug Type	NEMA L5-30P
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
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 and kW in 4 separately metered load banks (BANK 1: 5-20R outlets #1-12, BANK 2: 5-20R outlets #13-24, BANK 3: L5-30R outlet #25, BANK 4: Total output), input voltage (primary, secondary)
SURGE / NOISE SUPPRESSION	
Automatic Shut-Off	No



Powering Business Worldwide



PHYSICAL	
Material of Construction	Steel
Form Factors Supported	2U rackmount
PDU Form Factor	Horizontal (1U)
Unit Dimensions (hwd / in.)	3.410 x 17.320 x 11.890
Unit Dimensions (hwd / cm)	8.66 (2U) x 44 x 30.2
Unit Weight (lbs.)	13.71
Unit Weight (kg)	6.22
ENVIRONMENTAL	
Operating Temperature Range	0C ~ 40C (32F ~ 104F)
Storage Temperature Range	-30°C to +50°C (-22°F to +122°F)
Relative Humidity	5-95% non-condensing
Operating Elevation	0-10,000
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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