

TAA-Compliant 5/5.8kW Single-Phase ATS/Switched PDU, 208V (16-C13, 2-C19 & 1 L6- 30R) 2 L6-30P, 2-10ft Cords 2U Rack-Mount

MODEL NUMBER: PDUMH30HVATNTAA



Description

Tripp Lite Switched 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. Switched PDU features include individually controllable output receptacles and built-in network interface. 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

- Federal Trade Agreements Act / TAA Compliant for GSA Schedule purchases
- 208V 30A Automatic Transfer Switch (ATS) / Switched 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 reports output power consumption in amps
- 2U horizontal rackmount form factor; 12.5 in. / 31.8 cm depth
- 19 built-in switched 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 inputs

Highlights

- Federal Trade Agreements Act / TAA Compliant for GSA Schedule purchases
- 208V 30A Auto Transfer Switch / ATS with switched outlets, network interface and digital metering enables redundant power options for single corded network devices
- 2U horizontal rackmount format
- Separate primary and secondary L6-30P line cords
- 19 switched outlets (16 C13, 2 C19 1 L6-30R)
- Compatible with any two compatible inputs, including out of phase power sources
- Programmable or real-time monitoring and outlet control via secure SNMP/Web network interface

Package Includes

- TAA Compliant version of Tripp Lite PDUMH30HVATNET
- Rackmount installation brackets
- Cable retention plates
- 18 cable ties
- User manual



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- 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 2-6 milliseconds
- Switched outlets and ethernet interface supports individual outlet control on a real-time or programmable basis and user-specified alarm notification thresholds for all reported site power conditions
- DHCP/Manual configuration support
- Supports HTTP, HTTPS, PowerAlert Network Management System, SMTP, SNMPv1, SNMPv2, Telnet, SSH, FTP, DHCP, BOOTP, NTP protocols
- Outlets are factory programmed for sequential turn-on at 250 millisecond intervals when the PDU is first energized to prevent inrush-related equipment interaction on startup
- Front panel LEDs confirm power availability on both input lines and for each output receptacle
- Included cord retention brackets keep vital network equipment plugged in and continuously powered

Specifications

OVERVIEW	
UPC Code	037332273789
PDU Type	Auto-Transfer Switch; Switched
INPUT	
Input Phase	Single-Phase
Maximum Input Amps	30
Maximum Input Amps Details	Agency rated to 24A continuous
Input Connection Type	Two labeled L6-30P inputs support Primary and Secondary input connections
PDU Plug Type	NEMA L6-30P
Input Cord Length (ft.)	10
Input Cord Length (m)	3.05
OUTPUT	
Output Capacity Details	5kW (208V), 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
Frequency Compatibility	60 Hz
Output Receptacles	(16) C13; (2) C19; (1) L6-30R
Output Nominal Voltage	200; 208



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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	19 LEDs display power on - off status for each outlet, plus 2 LEDs for power status on Primary and Secondary input connection
Switches	Switch near digital display enables monitoring output current for Bank 1, Bank 2, L6-30R outlet or all outputs combined
SURGE / NOISE SUPPRESSION	
Automatic Shut-Off	No
PHYSICAL	
Material of Construction	Steel
Form Factors Supported	2U rackmount
Minimum Required Rack Depth (cm)	40.64
Minimum Required Rack Depth (inches)	16
PDU Form Factor	Horizontal (1U)
Unit Dimensions (hwd / in.)	3.500 x 17.500 x 12.500
Unit Dimensions (hwd / cm)	8.8 (2U) x 44.5 x 31.8
Unit Weight (lbs.)	13.8
Unit Weight (kg)	6.26
ENVIRONMENTAL	
Relative Humidity	5-95% non condensing
Operating Elevation	0-10,000
COMMUNICATIONS	
PowerAlert Software	LX Platform Interface: PowerAlert Device Manager
Communications Cable	Micro-USB- to-USB A configuration/console Access cable
Network Monitoring Port	RJ45 Network port, Micro-USB Configuration port, USB A port supports a variety of Envirosense2 environmental and control modules. See Accessories>Management Hardware section for more information about these modules.
SNMP Compatibility	Yes, via pre-installed network interface. Provides remote monitoring, outlet control, and automatic power management configurations.
Network Compatibility	10 Mbps; 100 Mbps (Fast Ethernet)
FEATURES & SPECIFICATIONS	
High Availability PDU Features	Auto Probe Monitoring and Reboot (included)
WARRANTY & SUPPORT	

Product Warranty Period (Worldwide)	2-year limited warranty
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