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Model #: PDUMH30HVATNET

Single-Phase Auto Transfer Switch / Switched PDU, 30A 208/240V, 2U horizontal, 16 C13, 2 C19 & 1 L6-30R outlets, 2 L6-30P inputs

Highlights



- 208/240V 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

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.

Applications

- Ideal for configurations requiring a simple PDU that displays power consumption in amps
- ATS function makes this system ideal for adding redundancy to single corded devices
- ATS function also adds hot-swap and maintenance bypass function to standard UPS configurations

Package Includes

- 2U ATS PDU
- Rackmount installation brackets
- Cable retention plates
- 18 cable ties
- User manual

Features

- 208/240V 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
- 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	
PDU Type	Auto-Transfer Switch; Switched
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	
PDU Input Voltage	208; 240
Maximum Input Amps (A)	30
Maximum Input Amps (A) Details	30A maximum (Agency rated to 24A continuous)
Input connection type	Two labelled L6-30P inputs support Primary and Secondary input connections
PDU Plug Type	NEMA L6-30P
Phase	Single-Phase
LEDS ALARMS & SWITCHES	
Switches	Switch near digital display enables monitoring output current for Bank 1, Bank 2, L6-30R outlet or all outputs combined
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
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)	13.8

Shipping weight (kg)	6.3
Unit Dimensions (HWD/in)	3.5 (2U) x 17.5 x 12.5
Unit Dimensions (HWD/cm)	8.8 (2U) x 44.5 x 31.8
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)
COMMUNICATIONS	
SNMP compatibility	Yes, via pre-installed network interface. Provides remote monitoring, outlet control, and automatic power management configurations.
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-ATNET	3-Year Extended Warranty - For Switched PDUs ending with ATNET	1
WEXT5-PDU-ATNET	5-Year Extended Warranty - For Switched PDUs ending with ATNET	1
ENVIROSENSE	Monitors temperature, humidity and contact-closure inputs. (Requires UPS with SNMPWEBCARD, monitored PDU or switched PDU.)	1
SRSWITCH	Magnetic Door Switch Kit for front and rear doors; requires ENVIROSENSE	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
P036-002-19LA	2-ft. 12AWG Heavy Duty Power cord (IEC-320-C19 Left Angle to IEC-320-C20)	1
P036-002-19RA	2-ft. 12AWG Heavy Duty Power cord (IEC-320-C19 Right Angle to IEC-320-C20)	1
P036-002-20LA	2-ft. 12AWG Heavy Duty Power cord (IEC-320-C19 to IEC-320-C20 Left 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=4803.

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