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Model #: PDUMH30ATNET

Single-Phase Auto Transfer Switch / Switched 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 rackmount, 2 L5-30P inputs, 25 switched outlets (24 5-15/20R, 1 L5-30R)
- Individually switched outlets, network interface and 2 digit visual current meter

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

- ATS PDU systems provide a redundant power option with individual outlet control for single-corded network devices

Package Includes

- PDU with attached L5-30P input power cords
- Installable 2U mounting brackets
- User manuals with warranty information

Features

- 120V 30A Power Distribution Unit (PDU) with Auto-Transfer Switch (ATS) and Switched output receptacles (agency derated to 24A continuous)
- ATS features provide redundant power for critical network equipment with a single input power cord
- Switched PDU features enable programmable or real-time power control of individual outlets via built-in network interface
- Visual meter reports output power consumption in amps
- 25 switched outlets (24 5-15/20R & 1 L5-30R); 2U horizontal rackmount form factor; 12.5 in. / 31.8cm depth
- Two NEMA L5-30P 10 ft. / 3m inputs connect to separate PRIMARY and SECONDARY power sources
- ATS normally maintains output sourced from the primary input; As primary input power fails or becomes unstable, the ATS switches to power equipment from the secondary input until power on the primary input is restored
- ATS configurations enable hot-swap UPS protection when used with a single UPS and redundant UPS protection when each input is

connected to a separate UPS system (in a two-UPS environment, the primary input cable must be supported by an online UPS similar to Tripp Lite SmartOnline)

- Advanced ATS configurations using separate mains circuits, backup generators and out of phase utility feeds are fully supported
- On-board processor evaluates power quality on both inputs to prevent transfer to the secondary source when unavailable or of lower quality than the primary source
- 3-6 millisecond transfer time between primary and secondary inputs
- DHCP/Manual configuration support; Supports HTTP, HTTPS, PowerAlert Network Management System, SMTP, SNMPv1, SNMPv2, Telnet, SSH, FTP, DHCP, BOOTP, NTP protocols
- Compatible with optional ENVIROSENSE temperature monitor
- Front panel LEDs confirm power availability on primary / secondary inputs and each output receptacle

Specifications

OVERVIEW	
PDU Type	Auto-Transfer Switch; Switched
OUTPUT	
Frequency compatibility	60 Hz
Output nominal voltage	120V
Outlet quantity / type	24 5-15/20R (switched), 1 L5-30R (switched)
Outlet Type	5-15R, L5-30R
INPUT	
PDU Input Voltage	100; 120; 127
Maximum Input Amps (A)	30
Maximum Input Amps (A) Details	30A maximum (Agency de-rated to 24A continuous)
Input connection type	Two labelled L5-30P inputs support Primary and Secondary input connections
PDU Plug Type	NEMA L5-30P
Phase	Single-Phase
LEDS ALARMS & SWITCHES	
Switches	Switch near digital display enables monitoring output current for Bank 1, Bank 2, L5-30R outlet or all outputs combined
Front panel LEDs	25 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 Compliant
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
SR SWITCH	Magnetic Door Switch Kit for front and rear doors; requires ENVIROSENSE	1
P007-002	2-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	1
P034-010	10-ft. 14AWG Heavy Duty Power cord (IEC-320-C19 to NEMA 5-15P)	1
P007-006	6-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	1
P007-010	10-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	1
P006-006-13LA	6-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13 Left Angle)	1
P006-006-13RA	6-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13 Right Angle)	1
P049-010	10-ft. 12AWG Heavy Duty Power cord (IEC-320-C19 to NEMA 5-20P)	1
P044-061	6-inch 12AWG Heavy Duty Power Adapter cord (NEMA-L5-20R to NEMA-5-20P)	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=4810.

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