

Single-Phase Auto Transfer Switch / Switched PDU, 1.4kW 15A 120V, 1U Horizontal Rackmount, 8 NEMA 5-15R outlets, 2 NEMA 5-15P inputs

MODEL NUMBER: PDUMH15ATNET



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

- 120V 15A Power Disrtibution Unit (PDU) with Auto-Transfer Switch (ATS) and Switched output receptacles (Agency de-rated to 12A 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
- 8 switched NEMA 5-15R outlets; 1U horizontal rackmount form factor; 14.5 in. / 36.8 cm depth
- Two NEMA 5-15P 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 will switch to power equipment from the secondary input until power on the primary input is restored and stable

Highlights

- Single phase 15A 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
- 1U horizontal rackmount; 2 NEMA 5-15P inputs; 8 NEMA 5-15R outlets
- Individually switched outlets, network interface and 2 digit visual current meter

Applications

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

Package Includes

- PDU with attached 5-15P input power cord
- Detachable C13 to NEMA 5-15P 12 ft/3.6m secondary input cord
- Installable 1U mounting brackets
- User manuals with warranty information

- ATS configurations enable hot-swappable 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
- 2-7 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
- Outlets are factory programmed for sequential turn-on at 250 millisecond intervals as the PDU is first energized
- Front panel LEDs confirm power availability on primary / secondary inputs and each output receptacle
- TAA Compliant Version Available - Order Tripp Lite PDUMH15ATNETAA

Specifications

OVERVIEW	
Style	Rackmount
PDU Type	Auto-Transfer Switch; Switched
OUTPUT	
Output Capacity Details	1.4kW (120V input), 1.5kW (127V input), 1.2kW (100V input); 15A maximum (Agency de-rated to 12A continuous)
Frequency Compatibility	60 Hz
Output Nominal Voltage	100-127V nominal, single phase
Outlet Quantity / Type	8 NEMA 5-15R
Number of Outlets	8
Outlet Type	NEMA 5-15R
Customized Load Management Receptacles	8 individually controlled outlets
INPUT	
PDU Input Voltage	100; 120; 127
Maximum Input Amps	15
Maximum Input Amps Details	Agency de-rated to 12A continuous
PDU Plug Type	NEMA 5-15P
Input Cord Length (ft.)	12
Input Cord Length (m)	3.66
Input Phase	Single-Phase
LEDS ALARMS & SWITCHES	

Front Panel LEDs	10 front panel LEDs display power on - off status for each outlet, plus 2 LEDs for power status on each input line cord. Digital Current Meter display shows total output power consumption in amps.
PHYSICAL	
Shipping Dimensions (hwd / in.)	6.25 x 22.5 x 23.5
Shipping Dimensions (hwd / cm)	15.9 x 57.2 x 59.7
Shipping Weight (lbs.)	15.2
Shipping Weight (kg)	6.9
Unit Dimensions (hwd / in.)	1.75 x 17.5 x 14.5
Unit Dimensions (hwd / cm)	4.44 x 44.4 x 36.8
Unit Weight (lbs.)	11
Unit Weight (kg)	5
Material of Construction	Steel
Form Factors Supported	1U rackmount
PDU Form Factor	Horizontal (1U, 2U, etc)
ENVIRONMENTAL	
Relative Humidity	Up to 95% (non-condensing)
COMMUNICATIONS	
SNMP Compatibility	Yes, pre-installed SNMPWEBCARD provides remote monitoring via web, telnet, and SNMP management systems. Remote management gives user ability to turn connected loads on or off individually
CERTIFICATIONS	
TAA Compliant Option	TAA Compliant Version Available - Order Tripp Lite PDUMH15ATNETAA
Certifications	Tested to UL 60950-1 (USA, Canada), Class A (Emissions), NOM (Mexico), RoHS compliant
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty

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