

1.4kW Single-Phase Switched Automatic Transfer Switch PDU, 2 120V 5-15P 15A Inputs, 8 5-15R Outputs, 1U, TAA

MODEL NUMBER: PDUMH15ATNET



Description

Tripp Lite's 120V 12A Switched Automatic Transfer Switch / ATS PDU provides a redundant power option for network devices with a non-redundant power supply configuration. Dual input cords support connections to separate PRIMARY and SECONDARY power sources. The ATS will normally maintain continuous output to all outlets as derived from the primary input power 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. The built-in Java-free HTML5-based LX Platform interface enables full remote access for PDU status monitoring and email notifications via secure web browser, SNMP, telnet or SSH. It supports 10/100 Mbps auto-sensing for optimum communication with an Ethernet network. Optional EnviroSense2 modules (sold separate) provide a variety of environmental monitoring capabilities. Protocols supported include IPv4, IPv6, HTTP, HTTPS, SMTP, SNMPv1, SNMPv2, SNMPv3, telnet, SSH, FTP, DHCP, BOOTP and NTP. Switched PDU features include individually controllable output receptacles. 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 Automatic Transfer Switch (ATS) / Switched PDU (Agency de-rated to 12A continuous)
- Provides a redundant A/B power option for non-redundant networking 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
- Digital display continuously reports total output power consumption in amps
- 8 switched NEMA 5-15R outlets
- 1U horizontal rackmount form factor; 14.5 in. / 36.8 cm depth

Highlights

- Single-phase 12A 120V Auto Transfer Switch / ATS PDU
- Pre-installed WEBCARDLX with latest version of PADM20 for IP-based Auto Probe feature
- Enables redundant A/B 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; Two digit visual current meter
- Federal Trade Agreements Act / TAA Compliant for GSA Schedule purchases

Package Includes

- ATS / Switched 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



- Set of two 12 ft. / 3.6m NEMA 5-15P input cables support connection to separate PRIMARY and SECONDARY power sources
- 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 2-7 milliseconds
- Pre-installed WEBCARDLX with the latest version of PowerAlert Device Manager firmware (PADM20) provides enhanced remote management capabilities
- PADM20 and PowerAlert Element Manager (PAEM) form a powerful tool for expanding maintenance functions in large installations, including firmware update checks and backup and restoration of device configurations
- IP-based Auto Probe detects lost connectivity and restores service autonomously
- Optional EnviroSense2 modules (sold separately) provide a variety of environmental monitoring capabilities
- 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 both input lines
- Federal Trade Agreements Act / TAA Compliant for GSA Schedule purchases

Specifications

| OVERVIEW | |
|--------------------------------|---|
| UPC Code | 037332136428 |
| PDU Type | Auto-Transfer Switch; Switched |
| INPUT | |
| PDU Input Voltage | 120V |
| Recommended Electrical Service | Two single-phase 15A 120V circuits |
| Maximum Input Amps | 12 |
| Maximum Input Amps Details | Agency de-rated to 12A continuous |
| PDU Plug Type | (2) NEMA 5-15P |
| Input Phase | Single-Phase |
| Input Cord Details | Set of 2 inputs enable connection to separate PRIMARY and SECONDARY power sources |
| Input Cord Length (ft.) | 12 |
| Input Cord Length (m) | 3.66 |
| OUTPUT | |



| | |
|--|---|
| Output Capacity Details | 1.44kW (120V) / 12A total capacity; 12A max per outlet |
| Frequency Compatibility | 50 / 60 Hz |
| Output Receptacles | (8) 5-15R |
| Output Nominal Voltage | 120V |
| Customized Load Management Receptacles | 8 individually switched output receptacles |
| USER INTERFACE, ALERTS & CONTROLS | |
| Front Panel LCD Display | Digital display reports total PDU output current in amps |
| Front Panel LEDs | 8 LEDs display power on-off status for each output receptacle, plus 2 additional LEDs to indicate input power status for primary and secondary inputs. Pre-installed WEBCARDLX provides Ethernet Link and Status LED's for network activity along with a system status LED for monitoring system operation. |
| Switches | Reset button for LX Platform management card will reboot card without affecting the connected equipment. |
| PHYSICAL | |
| Material of Construction | Metal |
| Form Factors Supported | 1U rackmount |
| Minimum Required Rack Depth (cm) | 44.45 |
| Minimum Required Rack Depth (inches) | 17.5 |
| PDU Form Factor | Horizontal (1U) |
| Shipping Dimensions (hwd / cm) | 13.46 x 52.83 x 58.93 |
| Shipping Dimensions (hwd / in.) | 5.30 x 20.80 x 23.20 |
| Shipping Weight (kg) | 7.26 |
| Shipping Weight (lbs.) | 16.00 |
| Unit Dimensions (hwd / cm) | 4.44 x 44.4 x 36.8 |
| Unit Dimensions (hwd / in.) | 1.75 x 17.5 x 14.5 |
| Unit Weight (kg) | 4.99 |
| Unit Weight (lbs.) | 11.00 |
| 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 (ft.) | 0-10,000 |
| Operating Elevation (m) | 0-3000 |
| COMMUNICATIONS | |



| | |
|--------------------------------------|---|
| SNMP Compatibility | Pre-installed LX platform interface provides remote monitoring via Java-free HTML5 web interface, telnet, SSH and SNMP management systems |
| FEATURES & SPECIFICATIONS | |
| TVSS Grounding | Rear grounding lug |
| High Availability PDU Features | Auto Probe Monitoring and Reboot (included) |
| STANDARDS & COMPLIANCE | |
| Certifications | Tested to UL 60950-1 (USA), CSA (Canada), Class A (Emissions), NOM (Mexico), RoHS compliant, TAA Compliant |
| WARRANTY | |
| Product Warranty Period (Worldwide) | 2-year limited warranty |

© 2021 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies: <https://www.tripplite.com/products/product-certification-agencies>