Model #: PDUMH15ATNET

Switched, Metered PDU with ATS - Power Distribution Unit with dual-input Auto Transfer Switching, individual outlet control and remote network interface

Highlights

- 1U switched PDU with digital current monitoring, network interface and 8 individually controllable outlets
- 15A 120V capacity with 8 NEMA 5-15R outlets and 5-15P input connections
- Built in SNMP network interface supports individual outlet control and remote monitoring of PDU loading and site electrical conditions
- Optional Auto Transfer Switch (ATS) supports a variety of advanced fault-tolerant and redundant networking applications
- Supports 2-7 ms. transfer between included primary and secondary line cords, even with out of phase power sources

Description

Tripp Lite's 120V 15A metered PDU system with Automatic Transfer Switching (ATS) is an 8 outlet PDU with a digital display to indicate total PDU power consumption in amps. Outlets are factory programmed for sequential turn-on at 250 milliscond intervals when the PDU is first energized to prevent inrush-related equipment interaction on startup. Installed web/network monitoring card enables remote power monitoring and control. Remotely displays status of input power, load capacity, and outlet power condition via secure network or web browser interface. Offers individual outlet control to power on, off, or cycle AC output to regain control of locked-up servers and other network devices. Load ramping and shedding provides programmable power management to any type of network configuration. Supports notification and logging of input power status, event notification, output power and PDU loading conditions. Supports 1U rackmount installation in a 2 or 4 post racks. Included are 8 NEMA 5-15R outlets and two 12 ft. 5-15P optional-use dual cords for auto-transfer switching (ATS) option.

Optional integrated ATS / Auto-Transfer Switch provides a redundant power option for networking and server applications with non-redundant internal power supplies. In ATS mode, the attached power cord serves as the PRIMARY input and the included detachable cable serves as the SECONDARY input to the ATS. 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 in relation to the secondary, the ATS will switch over to the secondary power source until the primary input is restored and stable. Super-fast switchover between primary and secondary power sources occurs within 2-7 milliseconds. ATS functionality is supported by any two 120V AC power sources, regardless of phase angle, to offer support for a variety of advanced redundant power networking applications. Enables fault tolerant hot-swappable U

Applications

- Ideal for configurations requiring a networked managed PDU to remotely reboot individually locked-up devices such a network switches, hubs, servers, etc.
- Optional-use ATS function makes this system ideal for adding redundancy to single corded devices
- ATS function adds hot-swap and maintenance bypass function to standard UPS configurations

Package Includes

- PDU with attached 5-15P input power cord
- Detachable C13 to NEMA 5-15P 12 ft/3.6m power cord for optional secondary input

- Installable 1U mounting brackets
- User manuals with warranty information

Features

- 120V 15A metered PDU system with Automatic Transfer Switch (ATS)
- Dual input cords, one attached (primary) and one optional-use detachable cord (secondary)
- Included cordsets support 5-15P plug-in connection
- Front panel digital ammeter displays power consumption in amps.
- Web/Network monitoring card enables remote power monitoring and control of power to each outlet
- 8 built-in NEMA 5-15R output receptacles
- Optional ATS function enables setup for hot-swappable UPS maintenance bypass, dual UPS protection or dual AC input redundancy for critical single-corded network hardware (ATS function requires the use of a full time sine wave UPS, like Tripp Lite's SmartOnline series)
- ATS functionality is supported by any two 120V AC power sources, regardless of phase angle, to offer support for a variety of unique redundant power applications
- Small 1U rackmount format installs in only one rack space with a maximum installed depth of 14.5 inches
- Also supports 0U vertical mounting in the cable managment area of many rack enclosures
- Indvidually controlled outlets provide load management to networked equipment
- Sequential outlet turn on eliminates power up in-rush of connected devices on initial power up
- Super-fast switchover between primary and secondary power sources occurs within 2-7 milliseconds

Specifications

OVERVIEW	
Model Type	Switched; ATS/Auto Transfer Switches
SYSTEM OVERVIEW	
Voltage compatibility	120V
OUTPUT	
Frequency compatibility	50 / 60 Hz
Output VA	15A/1800VA
Output nominal voltage	120V
Outlet quantity / type	8 NEMA 5-15R
Customized load management receptacles	8 individually controlled outlets
INPUT	
Recommended Electrical Service	120V
Maximum input amps	15A
Input connection type	2 NEMA 5-15P
Input cord length (ft.)	12 ft. (each)
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 weight (lbs)	15.2
Shipping weight (kg)	6.9

Unit Dimensions (HWD/in)	1.75 (1U) x 17.5 x 14.5
Unit Dimensions (HWD/cm)	4.44 x 44.4 x 36.8
Shipping Dimensions (HWD/in)	6.25 x 22.5 x 23.5
Shipping Dimensions (HWD/cm)	15.9 x 57.2 x 59.7
Unit weight (lbs)	11
Unit weight (kg)	5
Material of construction	Steel
Style	Rackmount
Form factors supported	1U rackmount

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

SPECIAL FEATURES

Appearance	Black 1U rackmount steel chassis

CERTIFICATIONS

Certifications	Tested to UL 60950-1 (USA, Canada), Class A (Emissions), NOM (Mexico), RoHS compliant

WARRANTY

Product Warranty Period (U.S., Canada & Puerto Rico)	2 years

Related Items

Optional Products

Product Type	Related Model	Description	Qty.
SNMP Accessories	ENVIROSENSE	Monitors temperature, humidity and contact-closure inputs. (Requires SNMPWEBCARD or switched PDU.)	-
Extended Warranties	WEXT3-PDU-ATNET	3-Year Extended Warranty - For Switched PDUs ending with ATNET	-
Extended Warranties	WEXT5-PDU-ATNET	5-Year Extended Warranty - For Switched PDUs ending with ATNET	-
Rack Accessories	SRSWITCH	Magnetic Door Switch Kit (2-pack for front and rear doors; requires ENVIROSENSE.)	-
Rack Accessories	SRCABLEDUCT1U	1U Horizontal Cable Manager (Finger duct with cover.)	-
Rack Accessories	SRCABLERING1U	1U Horizontal Cable Manager (Flexible ring type.)	-
Rack Accessories	SRCABLERING2U	2U Horizontal Cable Manager (Flexible ring type.)	-
Power Cables	P005-002	2-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to IEC-320-C14)	-
Power Cables	P005-006	6-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to IEC-320-C14)	-

Power Cables	P005-010	10-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to IEC-320-C14)	-
Power Cables	P007-002	2-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	-
Power Cables	P007-006	6-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	-
Power Cables	P007-010	10-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	-
Power Cables	P010-012	12-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13)	-
Power Cables	P012-006	6-ft. Notebook Power cord (NEMA 1-15P to IEC-320-C7)	-
Power Cables	P022-001	1-ft. 18AWG Power Extension cord (NEMA 5-15R to NEMA 5-15P)	-
Power Cables	P023-001	1-ft. 14AWG Power Adapter cord (NEMA L5-15R to NEMA 5-15P)	-
Power Cables	P032-007	7-ft. 12AWG Heavy Duty Power cord (IEC-320- C13 to IEC-320-C20)	-
Power Cables	P034-010	10-ft. 14AWG Heavy Duty Power cord (IEC-320-C19 to NEMA 5-15P)	-

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=3495.