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 rackmount switched PDU with digital current monitoring display

15A 120V capacity with 8 NEMA 5-15R outlets

Connects to NEMA 5-15R receptacles

Integrated Automatic Transfer Switch (ATS) allows PDU to operate from secondary input source when primary input fails

Sequential outlet power-on prevents inrush-related equipment interaction on startup

Programmable or real-time outlet power control via web/network monitoring and control card

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 sequentially turned on at 250 millisecond intervals when the PDU is first energized from an unpowered state 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 automatic 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 is available for use when two separately derived input power sources are available. The attached power cord serves as the primary AC input cable, while the included detachable power cord serves as the optional-use secondary AC input connection. The PDU system passes the primary input power through to connected equipment whenever line voltage and frequency levels are normal. If the primary input source goes outside of these tolerances or fails altogether, the ATS will automatically switch all PDU output to the secondary line sourced input power (when available) to maintain continuous operation of connected loads without reboots or service interruptions. Once the primary power source is restored, the PDU will automatically switch back to primary sourced input power. The dual input cabling can be configured for UPS maintenance bypass of standard UPS systems or to create a redundant dual-UPS power source for a critical, single-corded network device. Front AC input LED's show what input AC source is being utilized by the PDU.

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

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

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

Specifications

SYSTEM OVERVIEW	
Voltage compatibility	120V
Frequency compatibility	50/60 Hz
OUTPUT	
Output VA	15A/1800VA
Output nominal voltage	120V
Outlet quantity / type	8 NEMA 5-15R
Customized load management receptacles	8 individually controlled outlets
INPUT	
Maximum input amps	15A
Input connection type	2 NEMA 5-15P
Input cord length	12ft. (each)
Recommended Electrical Service	120V
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
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
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

Material of construction	Steel
Form factors supported	1U rackmount
Style	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 60950 (USA, Canada), Class A (Emissions), NOM (Mexico), RoHS compliant
WARRANTY	
Product warranty	2 years

Related Items

Extended Warranties		
WEXT3-PDU-ATNET	3-Year Extended Warranty - For Switched PDUs ending with ATNET	Qty: [optional]
WEXT5-PDU-ATNET	5-Year Extended Warranty - For Switched PDUs ending with ATNET	Qty: [optional]

SNMP Accessories		
ENVIROSENSE	Monitors temperature, humidity and contact-closure inputs. (Requires SNMPWEBCARD or switched PDU.)	Qty: [optional]

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.