Model #: PDUMH20AT

Metered PDU with ATS - Power Distribution Unit with dual-input Auto Transfer Switching

Highlights

- 1U rackmount PDU with digital current monitoring display
- 20A 120V capacity with 16 NEMA 5-15/20R outlets
- Connects to NEMA 5-20R and locking L5-20R receptacle
- 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

Description

Tripp Lite's 120V 20A metered PDU system with Automatic Transfer Switching (ATS) is a 16 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. Supports 1U rackmount installation in a 2 or 4 post rack. Included are 16 NEMA 5-15/20R outlets, and two 12 ft. L5-20P input power cords. Each cord is compatible with both NEMA 5-20R and L5-20R receptacles.

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.

Applications

- Ideal for configurations requiring a simple PDU that displays power consumption in amps
- 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 L5-20P input power cord
- Detachable C19 to NEMA L5-20P 12 ft/3.6m power cord for optional secondary input
- Two NEMA L5-20R to NEMA 5-20P plug adapters
- User manual with warranty information

Features

- 120V 20A metered PDU system with Automatic Transfer Switch (ATS)
- Dual input cords, one attached (primary) and one optional-use detachable cord (secondary)
- Included cordsets support 5-20P and L5-20P plug-in connections via secure adapters
- Front panel digital ammeter displays power consumption in amps

- 16 built-in NEMA 5-15/20R 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

Specifications

SYSTEM OVERVIEW	
Voltage compatibility	120V
Frequency compatibility	50/60
OUTPUT	
Output VA	20A / 2400VA
Output nominal voltage	120V
Outlet quantity / type	16 NEMA 5-15/20R
INPUT	
Maximum input amps	20A
Input connection type	2 NEMA L5-20P with 2 NEMA 5-20P plug adapters
Input cord length	Both input cables are 12 ft / 3.6m - the cables each terminate to a L5-20P locking plug on the input side. Two included 6 inch plug adapters convert the locking plugs to NEMA 5-20P plugs
Recommended electrical service	120V 20A, dedicated line recommended
LEDS ALARMS & SWITCHES	
Front panel LEDs	16 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 load consumption of connected equipment in amps
PHYSICAL	
Shipping weight (lbs)	16.4
Shipping weight (kg)	7.4
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)	12.2
Unit weight (kg)	5.5
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
ENVIRONMENTAL	
Relative Humidity	Up to 95% (non-condensing)
COMMUNICATIONS	
SNMP compatibility	Includes slot for optional SNMPWEBCARD accessory to enable remote individual outlet control over IP
CERTIFICATIONS	
Certifications	Tested to 60950 (USA, Canada), Class A (Emissions), NOM (Mexico), RoHS Complaint
WARRANTY	

Product warranty	2 years
SPECIAL FEATURES	
Appearance	Black 1U rackmount steel chassis

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/products/model.cfm?txtModelID=3345.