

1.4kW Single-Phase ATS / Switched PDU with LX Platform Interface, 120V outlets (8 5-15R), 2 5-15P, 100-127V Input, 2 12ft Cords, 1U Rack-Mount, TAA

MODEL NUMBER: PDUMH15ATNET



Description

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
- 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

Highlights

- Single phase 15A 120V Auto Transfer Switch / ATS PDU
- Built-in Java-free LX Platform interface for 24/7 remote access
- 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



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- 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
- LX Platform interface allows full remote access for power monitoring with email notifications via secure web browser, SNMP, telnet or SSH
- DHCP/Manual configuration support; Supports HTTP, HTTPS, PowerAlert Network Management System, SMTP, SNMPv1, SNMPv2, SNMPv3, Telnet, SSH, FTP, DHCP, BOOTP, NTP protocols
- 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	
PDU Type	Auto-Transfer Switch; Switched
OUTPUT	
Output Capacity Details	1.52kW (127V), 1.44kW (120V), 1.2kW (100V) / 15A total capacity (Agency de-rated to 12A); 12A max per outlet
Frequency Compatibility	60 Hz
Output Receptacles	(8) 5-15R
Output Nominal Voltage	100; 120; 127
Overload Protection	n/a
Customized Load Management Receptacles	8 individually switched output receptacles
INPUT	
PDU Input Voltage	100; 120; 127
Recommended Electrical Service	15A 120V
Maximum Input Amps	15.0
Maximum Input Amps Details	Agency de-rated to 12A continuous
PDU Plug Type	(2) NEMA 5-15P
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



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Input Phase	Single-Phase
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
Switches	n/a
PHYSICAL	
Minimum Required Rack Depth (inches)	18
Minimum Required Rack Depth (cm)	45.72
Shipping Dimensions (hwd / in.)	5.2 x 20.8 x 23.2
Shipping Dimensions (hwd / cm)	13.2 x 52.8 x 58.9
Shipping Weight (lbs.)	16.00
Shipping Weight (kg)	7.3
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.)	11.00
Unit Weight (kg)	4.99
Material of Construction	Metal
Form Factors Supported	1U rackmount
PDU Form Factor	1U; Horizontal
ENVIRONMENTAL	
Storage Temperature Range	5 to 122F (-15 to 50C)
Relative Humidity	5-95% non-condensing
Operating Elevation (ft.)	0-10,000
Operating Elevation (m)	0-3000
COMMUNICATIONS	
SNMP Compatibility	Yes, pre-installed WEBCARDLX provides remote monitoring via Java-free HTML5 web interface, telnet, SSH and SNMP management systems. Remote management gives user ability to turn connected loads on, off, or power-cycle individually
SPECIAL FEATURES	
TVSS Grounding	Rear grounding lug
CERTIFICATIONS	



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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

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