1.9kW Single-Phase Switched Automatic Transfer Switch PDU, 2 120V L5-20P / 5-20P Inputs, 16 5-15/20R Outputs, 1U, TAA

MODEL NUMBER: **PDUMH20ATNET**



Highlights

- 1.9kW 120V ATS / Switched PDU, Single phase 20A 120V
- Enables redundant A/B power option for single-corded network devices
- Separate primary and secondary inputs connect to any two compatible power sources
- 1U horizontal rackmount; 2 L5-20P / 5-20P inputs; 16 5-15/20R outlets
- Pre-installed WEBCARDLX with latest version of PADM20 for IP-based Auto Probe feature

Package Includes

- ATS / Switched PDU with attached L5-20P input power cord
- Detachable C19 to NEMA L5-20P 12 ft/3.6m secondary input cord
- Two NEMA L5-20R to NEMA 5-20P plug adapters
- Installable 1U mounting brackets
- User manual with warranty information

Description

This Switched Automatic Transfer Switch / ATS PDU provides a redundant power option for single-corded network devices. Dual input cords support separate connection to primary and secondary power sources. 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, the ATS will switch over to the secondary power source until the primary input is restored and stable. The Java-free LX Platform HTML5-based network 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 separately) provide a variety of environmental monitoring capabilities. Protocols supported include HTTP, HTTPS, SMTP, SNMPv1, SNMPv2, SNMPv3, telnet, SSH, FTP, DHCP and NTP. Switched PDU features include individually controllable output receptacles and built-in network interface. 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. The 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 LEDs display primary or secondary power availability.

Features

- 20A 120V Power Distribution Unit (PDU) with LX Platform network interface, Auto-Transfer Switch (ATS) and Switched outlets (Agency de-rated to 16A)
- Provides a redundant A/B power option for non-redundant networking equipment with a single input power cord
- Switched rack PDU (rPDU) 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
- 16 switched NEMA 5-15/20R outlets
- 1U horizontal rack-mount form factor; 14.5 in. / 36.8 cm depth
- Set of two 12 ft. / 3.6m NEMA L5-20P input cables with set of two 5-20P adapters support connection to

separate PRIMARY and SECONDARY inputs

- 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 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
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Specifications

OVERVIEW	
UPC Code	037332136411
PDU Type	Auto-Transfer Switch; Switched
INPUT	
Input Phase	Single-Phase
PDU Input Voltage	120
Recommended Electrical Service	Two single-phase 20A 120V circuits
Maximum Input Amps	16
Maximum Input Amps Details	Agency de-rated to 16A continuous
Input Connection Type	Primary: L5-20P and Secondary: C20 inlet and detachable C19-to-L5-20P cordset and adapters
PDU Plug Type	(2) NEMA 5-20P; (2) NEMA L5-20P
Input Cord Details	Set of two L5-20P cordsets with two 5-20P adapters enable connection to separate PRIMARY and SECONDARY power sources
Input Cord Length (ft.)	12
Input Cord Length (m)	3.66
OUTPUT	

Output Capacity Details	1.92kW (120V) / 16A total capacity; 16A max per outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(16) 5-15/20R
Output Nominal Voltage	120V
Customized Load Management Receptacles	16 individually switched output receptacles
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	Digital display reports total PDU output current in amps
Switches	Recessed reset button for rebooting SNMP management card without affecting AC output to connected equipment
LED Indicators	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 the amount of power consumption in amps for entire output of PDU. Pre-installed WEBCARDLX provides Ethernet Link and Status LED's for network activity along with a system status LED for monitoring system operation.
SURGE / NOISE SUPPRESSION	
Automatic Shut-Off	No
PHYSICAL	
Material of Construction	Metal
Rack Height	1U
Form Factors Supported	1U rackmount
Minimum Required Rack Depth (cm)	49.53
Minimum Required Rack Depth (inches)	19.5
PDU Form Factor	Horizontal (1U)
Shipping Dimensions (hwd / in.)	5.40 x 20.70 x 22.90
Shipping Dimensions (hwd / cm)	13.72 x 52.58 x 58.17
Shipping Weight (lbs.)	23.60
Shipping Weight (kg)	10.70
Unit Dimensions (hwd / in.)	1.750 x 17.500 x 14.500
Unit Dimensions (hwd / cm)	4.44 x 44.4 x 36.8
Unit Weight (lbs.)	12.20
Unit Weight (kg)	5.53
ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	-22° to 122°F (-30° to 50°C)
Relative Humidity	5% to 95% non-condensing
Operating Elevation	0-10000 ft. (0-3000 m)

COMMUNICATIONS	
PowerAlert Software	LX Platform Interface: PowerAlert Device Manager
Communications Cable	Micro-USB- to-USB A configuration/console Access cable
Network Monitoring Port	RJ45 Network port, Micro-USB Configuration port, USB A port supports a variety of Envirosense2 environmental and control modules. See Accessories>Management Hardware section for more information about these modules.
SNMP Compatibility	Pre-installed LX platform interface provides remote monitoring via Java-free HTML5 web interface, telnet, SSH and SNMP management systems
Network Compatibility	10 Mbps; 100 Mbps (Fast Ethernet)
FEATURES & SPECIFICATIONS	
Grounding	Rear grounding lug
High Availability PDU Features	Auto Probe Monitoring and Reboot (included); Auto-Transfer Switching; Auto Load Shedding
STANDARDS & COMPLIANCE	
Product Certifications	CSA (Canada); NOM (Mexico); UL 60950-1
Product Compliance	RoHS; FCC Part 15 Class A (USA); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

1000 Eaton Boulevard
Cleveland, OH 44122
United States
https://tripplite.eaton.com

© 2026 Eaton. All Rights Reserved.
Eaton is a registered trademark. All other trademarks
are the property of their respective owners.