2.9kW Single-Phase Switched Automatic Transfer Switch PDU, 2 120V L5-30P Inputs, 24 5-15/20R & 1 L5-30R Outputs, 2U, TAA

MODEL NUMBER: **PDUMH30ATNET**



Highlights

- Single phase 24A 120V Auto Transfer Switch / ATS PDU; Highly reliable Solid State Switching
- Enables redundant A/B power option for non-redundant network devices
- Pre-installed WEBCARDLX with latest version of PADM20 for IP-based Auto Probe feature
- 2U rackmount, 2 L5-30P inputs, 25 switched outlets (24 5-15/20R, 1 L5-30R)
- Individually switched outlets and built-in network interface enables remote control and monitoring

Package Includes

- ATS / Switched PDU with two L5-30P inputs
- Installable 2U mounting brackets
- Operating manual

Features

- 120V 30A Power Distribution Unit / rack PDU (rPDU) with Auto-Transfer Switch (ATS) and Switched outlets (Agency de-rated to 24A)
- ATS features provide redundant power for critical network 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
- Visual meter reports output amp and kW power consumption, plus voltage and temperature/humidity data with optional EnviroSense2 sensor
- 25 switched outlets (24 5-15/20R & 1 L5-30R)
- 2U horizontal rack-mount form factor; 11.9 in. / 30.2cm depth
- Set of two 10-ft. / (3.05 m) NEMA L5-30P input line cords enable separate PRIMARY and SECONDARY input connections
- 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
- Highly reliable solid-state switching enables fast 1-5 millisecond trasfer between primary and secondary inputs
- 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
- 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

- 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	037332157294
PDU Type	Auto-Transfer Switch; Switched
INPUT	
Input Phase	Single-Phase
PDU Input Voltage	120
Recommended Electrical Service	Two single-phase 30A 120V circuits
Maximum Input Amps	24
Maximum Input Amps Details	Agency de-rated to 24A continuous
PDU Plug Type	(2) NEMA L5-30P
Input Cord Details	Set of two inputs connect to separate PRIMARY and SECONDARY power sources
Input Cord Length (ft.)	10
Input Cord Length (m)	3.05
OUTPUT	
Output Capacity Details	2.88kW (120V) / 24A total capacity; 24A max per L5-30R outlet; 20A max per breakered load bank; 16A max per 5-15/20R outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(24) 5-15/20R; (1) L5-30R
Output Nominal Voltage	120V
Overload Protection	Two 20A output breakers protect 12 5-15/20R outlets each
Customized Load Management Receptacles	25 individually controllable outlets
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	Digital display reports output amps in 4 separately metered loading segments (BANK 1: 5-20R outlets #1-12; BANK 2: 5-20R outlets #13-24; BANK 3: L5-30R outlet #25; BANK 4: Total PDU output), whole-PDU output kW load level, input voltage on primary and secondary lines and *temperature / *humidity data (*with optional EnviroSense2 sensor)
Front Panel LEDs	25 LEDs display power on/off status for each outlet, plus 2 LEDs for power status on Primary and Secondary input connection and 3 additional LEDs to label the displayed numeric value as Amps, kW or Voltage
Switches	ENTER and MODE switches toggle the digital display to show output amps (Banks 1-4), total kW output, input voltage (primary, secondary) and *temperature / *humidity data (*with optional ENVIROSENSE sensor)

Current Measurement Accuracy (Amps)	+/-1%
Voltage Measurement Accuracy (Volts)	+/-1%
Power Measurement Accuracy (Watts)	+/-1%
SURGE / NOISE SUPPRESSION	
Automatic Shut-Off	No
PHYSICAL	
Material of Construction	Metal
Rack Height	2U
Form Factors Supported	2U rackmount
Minimum Required Rack Depth (cm)	42.93
Minimum Required Rack Depth (inches)	16.9
PDU Form Factor	Horizontal (2U)
Shipping Dimensions (hwd / in.)	7.70 x 16.70 x 19.70
Shipping Dimensions (hwd / cm)	19.56 x 42.42 x 50.04
Shipping Weight (lbs.)	19.50
Shipping Weight (kg)	8.85
Unit Dimensions (hwd / in.)	3.410 x 17.320 x 11.890
Unit Dimensions (hwd / cm)	8.6 x 43.9 x 43.9
Unit Weight (lbs.)	15.30
Unit Weight (kg)	6.94
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	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

© 2024 Eaton. All Rights Reserved.
Eaton is a registered trademark. All other trademarks
are the property of their respective owners.