

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



Features

- 120V 30A Power Distribution Unit (PDU) 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 rackmount 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 transfer 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 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
- 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

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



- 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	
PDU Input Voltage	120V DUAL INPUT
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 Phase	Single-Phase
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%
PHYSICAL	
Material of Construction	Metal
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 / cm)	19.56 x 42.42 x 50.04
Shipping Dimensions (hwd / in.)	7.70 x 16.70 x 19.70
Shipping Weight (kg)	8.85
Shipping Weight (lbs.)	19.50
Unit Dimensions (hwd / cm)	8.6 x 43.9 x 43.9
Unit Dimensions (hwd / in.)	3.4 x 17.3 x 11.9
Unit Weight (kg)	6.94
Unit Weight (lbs.)	15.30
ENVIRONMENTAL	
Operating Temperature Range	0C ~ 40C (32F ~ 104F)
Storage Temperature Range	-30°C to +50°C (-22°F to +122°F)
Relative Humidity	5 to 95% (non-condensing)
Operating Elevation (ft.)	0-10,000
Operating Elevation (m)	0-3000
COMMUNICATIONS	
SNMP Compatibility	Pre-installed LX platform interface provides remote monitoring via Java-free HTML5 web interface, telnet, SSH and SNMP management systems
FEATURES & SPECIFICATIONS	
TVSS Grounding	Grounding lug
High Availability PDU Features	Auto Probe Monitoring and Reboot (included)



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STANDARDS & COMPLIANCE	
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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