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

MODEL NUMBER: **PDUMH30AT**








Highlights

- Single phase 24A 120V Auto Transfer Switch / ATS PDU; Highly reliable Solid State Switching
- Enables redundant A/B power option for single-corded network devices
- Separate primary and secondary inputs connect to any two compatible power sources
- 2U horizontal rackmount; 2 L5-30P inputs; 24 5-15/20R and 1 L5-30R outlets
- Digital meter reports voltage, kW load level and output amperage in 4 load segments
- TAA Compliant

Package Includes

- ATS / Local Metered PDU
- Rackmount installation brackets
- Installable plug-retention shelves & cable ties

Features

- 120V 30A Automatic Transfer Switch (ATS) / Local Metered PDU (Agency de-rated to 24A continuous)
- Provides a redundant A/B power option for non-redundant networking equipment with a single input power cord
- Visual meter reports output amp and kW power consumption, plus input voltage
- 2U horizontal rack-mount form factor; 11.9 in. / 30.2 cm depth
- 25 outlets (24 5-15/20R, 1 L5-30R)
- 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 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
- 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	037332157287
PDU Type	Auto-Transfer Switch; Local Metered
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
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 and input voltage on primary and secondary input lines
Front Panel LEDs	2 LEDs for power status on Primary and Secondary input connection and three 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 and input voltage (primary, secondary)
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.)	8.07 x 20.47 x 17.13
Shipping Dimensions (hwd / cm)	20.50 x 51.99 x 43.51
Shipping Weight (lbs.)	17.55
Shipping Weight (kg)	7.96
Unit Dimensions (hwd / in.)	3.410 x 17.320 x 11.890
Unit Dimensions (hwd / cm)	8.66 x 44 x 30.2
Unit Weight (lbs.)	13.71
Unit Weight (kg)	6.22
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)
FEATURES & SPECIFICATIONS	
Grounding	Rear grounding lug
High Availability PDU Features	Auto-Transfer Switching
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

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