5.8kW Single-Phase Local Metered Automatic Transfer Switch PDU, Two 200-240V L6-30P Inputs, 16-C13 2-C19 & 1 L6-30R Outlet, 2U, TAA

MODEL NUMBER: **PDUMH30HVAT**





Highlights

- Single phase 24A 200-240V Auto Transfer Switch / ATS Local Metered PDU with Solid State Switching
- Enables redundant-power configurations for single-corded network devices
- Separate primary and secondary inputs connect to any two compatible power sources
- 2U horizontal rackmount; 2 L6-30P inputs; 19 outlets (16 C13, 2 C19, 1 L6-30R)
- Front panel digital display with LED indicators reports output amps in 4 loading segments, plus total kW and input voltage
- Trade Agreements Act / TAA Compliant for GSA Schedule purchases

Package Includes

- Auto Transfer Switch PDU
- Rackmount installation brackets
- Plug-lock cable retention sleeves
- Installable plug-retention shelves & cable ties

Features

- 200-240V 30A Automatic Transfer Switch (ATS) / Local Metered rack PDU (rPDU) (Agency de-rated to 24A continuous)
- ATS features provide redundant power for critical network equipment with a single input power cord
- Digital display with selection button reports voltage, amperage and kilowatt loading information in four output segments (Segment 1: 8 C13 & 1 C19 outlets / Segment 2: 8 C13 & 1 C19 outlets / Segment 3: L6-30R outlet / Segment 4: total output of all outlets combined)
- 19 built-in outlets (16 C13, 2 C19, 1 L6-30R)
- Set of Plug-lock output power cable retention sleeves prevent accidental disconnection of connected devices
- Set of two 10-ft. / (3.05 m) NEMA L6-30P 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 as 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 2 UPS environment, the primary input must be connected to an online double conversion UPS 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 1-5 milliseconds
- Front panel LEDs confirm power availability on both input lines
- Trade Agreements Act / TAA Compliant for GSA Schedule purchases

Specifications

OVERVIEW	
UPC Code	037332159212
PDU Type	Local Metered; Auto-Transfer Switch
INPUT	
Input Phase	Single-Phase
PDU Input Voltage	200; 208; 220; 230; 240
Recommended Electrical Service	Two single-phase 30A 200-240V circuits
Maximum Input Amps	24
Maximum Input Amps Details	Agency de-rated to 24A continuous
PDU Plug Type	(2) NEMA L6-30P
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	5.8kW (240V), 5.5kW (230V), 5.3kW (220V), 5kW (208V), 4.8kW (200V) total capacity / 30A max (Agency de-rated to 24A), 24A max per L6-30R outlet; 20A max per breakered outlet bank; 16A max per C19 outlet; 12A max per C13 outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(16) C13; (2) C19; (1) L6-30R
Output Nominal Voltage	200-240V
Overload Protection	Includes two 20A output circuit breakers; Breaker 1 controls the upper row of 9 outlets (8 C13, 1 C19); Breaker 2 controls the lower row of outlets (8 C13, 1 C19); L6-30R outlet is unbreakered
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	Digital display reports output amps in 4 separately metered loading segments (BANK 1: Outlets #1-9; BANK 2: Outlets #10-18; BANK 3: Outlet #19), whole-PDU output kW load level and input voltage on primary and secondary input lines
Front Panel LEDs	Front panel LEDs confirms amp / kilowatt / voltage reporting information
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)	40.64

Minimum Required Rack Depth (inches)	16
PDU Form Factor	Horizontal (2U)
Shipping Dimensions (hwd / in.)	7.70 x 16.70 x 19.30
Shipping Dimensions (hwd / cm)	19.56 x 42.42 x 49.02
Shipping Weight (lbs.)	20.30
Shipping Weight (kg)	9.21
Unit Dimensions (hwd / in.)	3.500 x 17.500 x 12.500
Unit Dimensions (hwd / cm)	8.8 x 44.4 x 31.7
Unit Weight (lbs.)	13.7
Unit Weight (kg)	6.21
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	
High Availability PDU Features	Auto-Transfer Switching
STANDARDS & COMPLIANCE	
Product Certifications	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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