3.8kW Single-Phase Local Metered Automatic Transfer Switch PDU, Two 200-240V C20 Inlets, 8 C13 & 2 C19 Outputs, 1U, TAA

MODEL NUMBER: **PDUMH20HVAT**





Highlights

- Single phase 16A 200-240V Auto Transfer Switch / ATS PDU
- Enables redundant-power option for single-corded network devices
- Separate primary and secondary inputs connect to any two compatible power sources
- 1U horizontal rackmount; 2 C20 inputs; 8 C13 and 2 C19 outlets
- Two digit visual current meter; Upgrade options available
- Federal Trade Agreements Act / TAA Compliant for GSA Schedule purchases

Package Includes

- Local Metered PDU with ATS Support
- 2x IEC C19-to-C20 AC input cables
- Plug-lock cable retention sleeves
- Mounting hardware
- User manual with warranty information

Features

- 200-240V 20A Automatic Transfer Switch (ATS) / Local Metered rack PDU (rPDU) (Agency de-rated to 16A continuous)
- Provides a redundant power option for critical networking equipment with a single input power cord
- 2 digit display reports output power consumption in amps
- 1U horizontal rack-mount form factor; 14.8 in. / 37.6 cm depth
- 10 outlets (8 C13, 2 C19)
- Set of Plug-lock output power cable retention sleeves prevent accidental disconnection of connected devices
- Set of two C20 inlets support connection to separate PRIMARY and SECONDARY power sources
- Two 12-ft. / 3.6m C19 to C20 power cables included
- 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 2-5 milliseconds
- Built-in card slot supports optional SNMPWEBCARD or WEBCARDLX for permanent upgrade to a switched & monitored PDU system
- Outlets are factory programmed for sequential turn-on at 250 millisecond intervals when the PDU is first energized to prevent inrush-related equipment interaction on startup
- Front panel LEDs confirm power availability on both input lines
- Federal Trade Agreements Act / TAA Compliant for GSA Schedule purchases

Specifications

OVERVIEW	
UPC Code	037332156488
PDU Type	Auto-Transfer Switch; Local Metered
INPUT	
Input Phase	Single-Phase
PDU Input Voltage	200; 208; 220; 230; 240
Recommended Electrical Service	Two single-phase 16A 200-240V circuits
Maximum Input Amps	16
Maximum Input Amps Details	Agency de-rated to 16A continuous
Input Connection Type	Primary: C20 inlet and Secondary: C20 inlet
PDU Plug Type	(2) IEC-320 C20
Input Cord Details	Set of two inputs connect to separate PRIMARY and SECONDARY power sources
Input Cord Length (ft.)	12
Input Cord Length (m)	3.66
OUTPUT	
Output Capacity Details	3.84kW (240V), 3.68kW (230V), 3.52kW (220V), 3.33kW (208V), 3.2kW (200V) / 16A total capacity; 16A max per C19 outlet; 12A (10A CE) max per C13 outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(8) C13; (2) C19
Output Nominal Voltage	200-240V
Customized Load Management Receptacles	Adding SNMPWEBCARD or WEBCARDLX accessory offers upgrade path to switched PDU (only C13 outlets are switchable upon upgrade); Management Cards can also can be inserted temporarily as a configuration tool to custom program power-on and power-off C13 outlet sequences with user-specified time delays in response to loss and restoration of primary input
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	Digital display reports total PDU output current in amps
Front Panel LEDs	8 front panel LEDs display power on/off status for each C13 outlet, plus 2 LEDs for power status on Primary and Secondary input connection
Switches	Toggle switch near digital display enables the setting of "HI" for 220, 230 or 240V nominal applications or "LO" for 200 or 208V applications
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)	46.48
Minimum Required Rack Depth (inches)	18.3
PDU Form Factor	Horizontal (1U)
Shipping Dimensions (hwd / in.)	5.40 x 20.80 x 23.20
Shipping Dimensions (hwd / cm)	13.72 x 52.83 x 58.93
Shipping Weight (lbs.)	17.80
Shipping Weight (kg)	8.07
Unit Dimensions (hwd / in.)	1.720 x 17.330 x 14.770
Unit Dimensions (hwd / cm)	4,4 x 43,9 x 37,6
Unit Weight (lbs.)	10.30
Unit Weight (kg)	4.67
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	
Network Management Cards	SNMPWEBCARD; WEBCARDLX; WEBCARDLXE
SNMP Compatibility	Includes slot for optional SNMPWEBCARD or WEBCARDLX accessory to add built-in network interface and enable remote individual outlet control over IP
FEATURES & SPECIFICATIONS	
Grounding	Rear grounding lug
High Availability PDU Features	Auto-Transfer Switching
STANDARDS & COMPLIANCE	
Product Certifications	CAN/CSA-C22.2 No. 60950-1 (Canada); NOM (Mexico); UL 60950-1
Product Compliance	RoHS; CE (Europe); FCC Part 15 Class A (USA); UKCA; Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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