3.8kW 200–240V Single-Phase ATS/Local Metered PDU - 8 C13 and 2 C19 Outlets, Dual C20 Inlets, 12 ft. Cords, 1U, TAA

MODEL NUMBER: **PDUMH20HVATS**



ATS PDU allows real-time current monitoring to prevent circuit overloads and enables redundant power for non-redundant network devices.

Features

Single-Phase 20A ATS PDU Distributes and Monitors Network-Grade Power in Real Time
This local metered rack PDU (rPDU) provides real-time local reporting of the total load level via its built-in digital current meter. Ideal for network IT applications, small computer rooms and other equipment rack applications, the PDUMH20HVATS features eight C13 and two C19 200–240V outlets for connecting equipment. Outlets are factory-programmed for sequential turn-on at 250-millisecond intervals when the PDU is first energized to prevent inrush-related equipment interaction at startup.

Switches from Primary to Secondary Power Source in Milliseconds
Dual 12-foot (3.7-meter) power cables with C20 inputs connect to separate primary and secondary mains circuits, backup generators, UPS systems or utility power grids, including out-of-phase sources. Dynamic solid-state automatic transfer switching (ATS) allows the PDU to switch to the secondary source within 2–5 milliseconds, should the primary source fail or become unstable, to ensure your connected equipment operates without interruption. An on-board ATS processor constantly evaluates the power quality of both input sources. It prevents switching if the secondary source is unavailable or of lower quality than the primary source.

Digital Load Meter Helps Prevent Potentially Expensive Overloads
A digital ammeter reports the total load for all connected equipment. Monitoring amperage helps ensure load levels remain well below maximum capacity with no danger of overload that could lead to costly downtime or damaged equipment. Maintaining proper load levels, even while adding new equipment, can keep your TCO (total cost of ownership) low.

Mounts into 1U of Rack Space
Use the included mounting hardware to install the all-metal housing into 1U of space in an EIA-standard 19-inch rack.

TAA-Compliant for GSA Schedule Purchases
The PDUMH20HVATS is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

Highlights

- 8 C13 and 2 C19 200–240V outlets distribute AC power to connected equipment
- Switches from primary to secondary power source in <5 ms for constant operation
- Digital ammeter for on-site real-time load monitoring helps prevent power overloads
- Dual 12 ft. power cables connect to separate primary and secondary power sources
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Applications

- Deliver network-grade power to high-density equipment in networking, telecom, security, audio/video and sound reinforcement applications
- Monitor power load in real time from all connected computers, switches, servers and other networking equipment
- Provide redundant power to network devices with non-redundant power supplies

Package Includes

- PDUMH20HVATS 3.8kW Single-Phase ATS/Local Metered PDU
- (2) Detachable C19 to C20 input cords, 12 ft. (3.7 m)
- (10) Plug-lock insert sleeves
- Rack-mounting hardware
- Owner’s manual

Specifications

OVERVIEW	
UPC Code	037332261380
PDU Type	Auto-Transfer Switch; Local Metered
INPUT	
Input Phase	Single-Phase
PDU Input Voltage	200; 208; 220; 230; 240
Recommended Electrical Service	20A 208/240V; 16A 230V
Maximum Input Amps	20
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	200V; 208V; 220V; 230V; 240V
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	Digital display reports total PDU output current in amps
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
LED Indicators	2 LEDs for power status on Primary and Secondary input connection
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.)	5.30 x 20.70 x 23.20
Shipping Weight (kg)	7.53
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)
FEATURES & SPECIFICATIONS	
Grounding	Rear grounding lug
High Availability PDU Features	Auto-Transfer Switching
STANDARDS & COMPLIANCE	
Product Certifications	RETIE (Colombia); CAN/CSA-C22.2 No. 60950-1 (Canada); NOM (Mexico); UL 60950-1
Product Compliance	RoHS; CE (Europe); EAC (Belarus, Kazakhstan, Russia); FCC Part 15 Class A (USA); UKCA; 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

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