1.92kW 120V Single-Phase ATS/Local Metered PDU - 16 5-15/20R Outlets, Dual L5-20P/5-20P Inputs, 12 ft. Cords, 1U, TAA

MODEL NUMBER: **PDUMH20ATS**



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

Features

Single-Phase 20A ATS rack PDU (rPDU) Distributes and Monitors Network-Grade Power in Real Time
This local metered PDU provides real-time local reporting of the total load level via its built-in digital current metering. Ideal for network IT applications, small computer rooms and other equipment rack applications, the PDUMH20ATS features 16 NEMA 5-15/20R 120V outlets for connecting equipment. Dual 12-foot (3.7-meter) power cords with NEMA L5-20P inputs (two 5-20P adapters are included) connect to separate primary and secondary mains circuits, backup generators, UPS systems or utility power grids, including out-of-phase sources.

Switches from Primary to Secondary Power Source in Milliseconds
Automatic transfer switching (ATS) allows the PDU to switch to the secondary source within 2–7 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 or on a Wall
Use the included mounting hardware to install the all-metal housing into 1U of space in an EIA-standard 19-inch rack. You may also use the mounting brackets to secure the PDU to a wall or under a counter.

TAA-Compliant for GSA Schedule Purchases
The PDUMH20ATS 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

- 16 NEMA 5-15/20R 120V outlets distribute AC power to connected equipment
- Digital ammeter for on-site real-time load monitoring helps prevent power overloads
- Dual 12 ft. cords with NEMA L5-20P inputs connect to separate power sources
- Installs in 1U of space in EIA-standard 19 in. racks using included mounting brackets
- 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

- PDUMH20ATS 1.92kW Single-Phase ATS/Local Metered PDU
- Detachable C19 to NEMA L5-20P secondary input cord, 12 ft. (3.7 m)
- (2) L5-20R to 5-20P plug adapters
- Cable Retention Kit
- Rack-mounting hardware
- Owner’s manual

Specifications

OVERVIEW	
UPC Code	037332261373
PDU Type	Auto-Transfer Switch; Local Metered
INPUT	
Input Phase	Single-Phase
PDU Input Voltage	100; 120; 127
Recommended Electrical Service	20A 120V
Maximum Input Amps	20
Maximum Input Amps Details	Agency de-rated to 16A maximum
Input Connection Type	Primary: Attached L5-20P, Secondary: C20 inlet with detachable C19-to-L5-20P cordset; L5-20-to-L5-20P adapters
PDU Plug Type	(2) NEMA 5-20P; (2) NEMA L5-20P
Input Cord Details	Set of two L5-20P cordsets with two 5-20P adapters enable connection to separate PRIMARY and SECONDARY power sources
Input Cord Length (ft.)	12
Input Cord Length (m)	3.66
OUTPUT	
Output Capacity Details	2.03kW (127V), 1.92kW (120V), 1.6kW (100V) / 20A total capacity (Agency de-rated to 16A); 16A max per outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(16) 5-15/20R
Output Nominal Voltage	100V; 120V; 127V
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	Digital display reports total PDU output current in amps
Front Panel LEDs	16 front panel LEDs display power on / off status for each outlet, plus 2 additional LEDs to indicate input power status for primary and secondary inputs
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)	49.53
Minimum Required Rack Depth (inches)	19.5
PDU Form Factor	Horizontal (1U)

Shipping Dimensions (hwd / in.)	5.40 x 23.30 x 20.10
Shipping Weight (kg)	9.39
Unit Dimensions (hwd / in.)	1.750 x 17.500 x 14.500
Unit Dimensions (hwd / cm)	4.44 x 44.4 x 36.8
Unit Weight (lbs.)	12.2
Unit Weight (kg)	5.53
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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