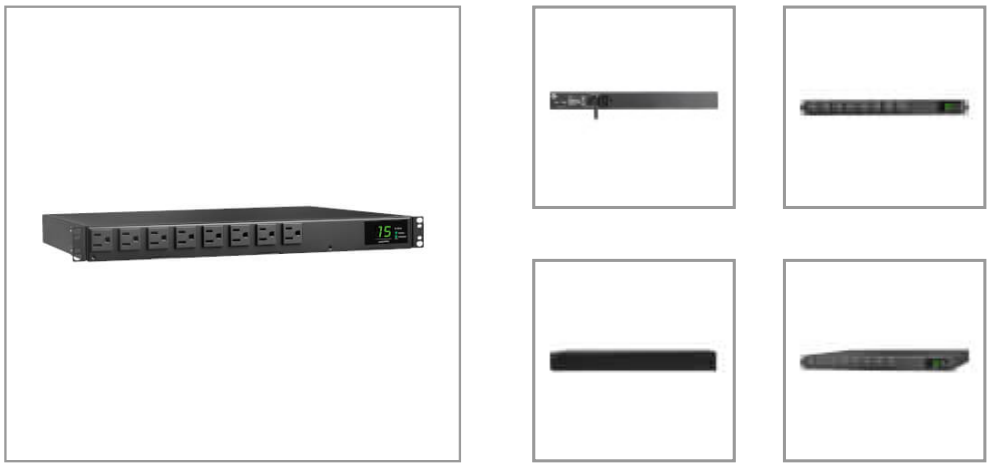
1.44kW 120V Single-Phase ATS/Local Metered PDU - 8 NEMA 5-15R Outlets, Dual 5-15P Inputs, 12 ft. Cords, 1U, TAA

MODEL NUMBER: **PDUMH15ATS**



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

Features

Single-Phase 15A 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 metering. Ideal for network IT applications, small computer rooms and other equipment rack applications, the PDUMH15ATS features eight NEMA 5-15R 120V outlets for connecting equipment. Dual 12-foot (3.7-meter) power cords with NEMA 5-15P inputs 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 PDUMH15ATS 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 NEMA 5-15R 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 5-15P 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

- PDUMH15ATS 1.44kW Single-Phase ATS/Local Metered PDU
- Detachable C13 to NEMA 5-15P secondary input cord, 12 ft. (3.7 m)
- Rack-mounting hardware
- Cord Retention Kit
- Owner’s manual

Specifications

OVERVIEW	
UPC Code	037332261366
PDU Type	Auto-Transfer Switch; Local Metered
INPUT	
Input Phase	Single-Phase
PDU Input Voltage	100; 120; 127
Recommended Electrical Service	15A 120V
Maximum Input Amps	15
Maximum Input Amps Details	Agency de-rated to 12A continuous
PDU Plug Type	(2) NEMA 5-15P
Input Cord Details	Set of 2 inputs enable connection to separate PRIMARY and SECONDARY power sources
Input Cord Length (ft.)	12
Input Cord Length (m)	3.66
OUTPUT	
Output Capacity Details	1.52kW (127V), 1.44kW (120V), 1.2kW (100V) / 15A total capacity (Agency de-rated to 12A); 12A max per outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(8) 5-15R
Output Nominal Voltage	100V; 120V; 127V
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	Two digit current meter reports whole PDU output load in amps
Front Panel LEDs	8 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)	44.45
Minimum Required Rack Depth (inches)	17.5
PDU Form Factor	Horizontal (1U)
Receptacle Color	Black

Shipping Dimensions (hwd / in.)	5.30 x 20.80 x 23.30
Shipping Weight (kg)	7.74
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.)	11
Unit Weight (kg)	4.99
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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