1.5kW Single-Phase Local Metered PDU + ISOBAR Surge Suppression, 3840 Joules, 100-127V Outlets (14 5-15R), 5-15P, 15 ft. (4.57 m) Cord, 1U Rack-Mount

MODEL NUMBER: **PDUMH15-ISO**







Highlights

- Local Metered single phase 12A 100-127V PDU with Isobar Surge Suppression
- 1U Horizontal rackmount, Digital current meter
- 3840 Joule suppression rating, Diagnostic LEDs
- NEMA 5-15P input; 15-ft. / 4.5m line cord
- 14 NEMA 5-15R outlets (2 front / 12 rear)
- Reversible housing; 4.5in /11.4cm depth

Package Includes

- PDUMH15-ISO Local Metered PDU with Surge Suppression
- Owner's manual with warranty information

Description

This Local Metered PDU with Isobar® surge suppression offers real-time local reporting of load level in amps, plus premium Isobar network-grade AC surge and noise suppression. Digital display continuously reports PDU output current to prevent circuit overloads as additional equipment is added. Set of three front-panel LEDs provide notification of wiring fault, protection present and line OK status. High-quality design includes rugged all-metal housing and secure rack-mount installation with included mounting accessories.

Features

- 15A single phase 100-127V Local Metered Power Distribution Unit / rack PDU (rPDU) (Agency de-rated to 12A continuous)
- Built-in 2 digit visual meter continuously reports PDU load level in amps
- ISOBAR Network-grade AC surge and noise suppression with 3840 Joules AC suppression rating and EMI/RFI filtering
- Set of 3 diagnostic LEDs report LINE OK (green), suppressor or wiring FAULT (red) and PROTECTION PRESENT (green) status
- Compatible with 120V AC sine wave input; For best results, connect the PDU only to true sine wave mains, generator or UPS power source (avoid connecting this surge suppressor to UPS systems producing modified sine wave, PWM sine wave and other non-sinusoidal output waveforms)
- Attached NEMA 5-15P 15A 120V input plug with 15-ft. (4.57 m) cord
- 1U Horizontal rackmount format installs in one rack space
- Switchless design prevents accidental shut-off
- 14 NEMA 5-15R outlets (2 front / 12 rear)
- Included mounting accessories support installation in 2 and 4 post racks, with additional support for wall-mount and under-counter installation formats
- Back panel grounding lug

Specifications

OVERVIEW	
UPC Code	037332183248
PDU Type	Local Metered
INPUT	
Input Phase	Single-Phase
PDU Input Voltage	100; 120; 125; 127
Recommended Electrical Service	Single-phase 15A 100-127V service
Maximum Input Amps	12
Maximum Input Amps Details	Agency de-rated to 12A continuous
PDU Plug Type	NEMA 5-15P
Input Cord Length (ft.)	15
Input Cord Length (m)	4.57
OUTPUT	
Output Capacity (kW)	1.52
Output Capacity Details	1.52kW (127V), 1.44kW (120V), 1.2kW (100V) / 12A total capacity; 12A max per outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(14) 5-15R
Output Nominal Voltage	100-127V
Overload Protection	15A Breaker
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	Two digit current meter reports PDU output load in amps
Switches	No power switch
LED Indicators	Set of 3 diagnostic LEDs continuously report status for LINE OK (green), suppressor or wiring FAULT (red) and PROTECTION PRESENT (green)
SURGE / NOISE SUPPRESSION	
AC Suppression Joule Rating	3840
AC Suppression Response Time	NM = 0 ns. CM = <1 ns
Protection Modes	Includes full normal mode (H-N) and common mode (N-G / H-G) line surge suppression
Clamping Voltage (RMS)	140
AC Suppression Surge Current Rating	60,000 amps
EMI / RFI Filtering	40-80 dB
Immunity	Conforms to IEEE 587 / ANSI C62.41
Automatic Shut-Off	Yes

PHYSICAL	
Material of Construction	Metal
Rack Height	1U
Form Factors Supported	1U rackmount, 0U vertical rackmount, wall-mount, and under-counter installation
Minimum Required Rack Depth (cm)	19.05
Minimum Required Rack Depth (inches)	7.5
PDU Form Factor	Horizontal (1U)
Shipping Dimensions (hwd / in.)	2.25 x 20.50 x 10.00
Shipping Dimensions (hwd / cm)	5.72 x 52.07 x 25.40
Shipping Weight (lbs.)	5.85
Shipping Weight (kg)	2.65
Unit Dimensions (hwd / in.)	20.000 x 2.000 x 4.500
Unit Dimensions (hwd / cm)	4.45 x 44.45 x 11.43
Unit Weight (lbs.)	4.6
Unit Weight (kg)	2.09
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
STANDARDS & COMPLIANCE	
Product Certifications	RETIE (Colombia); NOM (Mexico); UL 1449
Product Compliance	RoHS
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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