2kW 100-127V Single-Phase Basic PDU with ISOBAR Surge Protection - 3840 Joules, 14 Outlets, L5-20P Input (5-20P Adapter), 6 ft. Cord, 1U

MODEL NUMBER: **PDUH20-ISO6**



Delivers 120V single-phase AC power to multiple loads while also protecting connected equipment from dangerous surges and spikes.

Features

Single-Phase 100-127V PDU Distributes Network-Grade Power to Multiple Loads
This basic rack PDU (rPDU) is an ideal no-frills unit for telecom, security, audio/video and a wide variety of general portable and stationary rack-mount applications. Recommended for network-grade IT environments, the PDUH20-ISO6 features 12 NEMA 5-20R outlets in the rear and two 5-15R outlets in front. A six-foot cord with L5-20P input plug (and included 5-20P adapter) connects to your facility's AC power source, generator or protected UPS system to distribute power to connected loads.

3840 Joules Fight Back Against Unexpected Power Surges
Protecting your valuable electronics is ISOBAR® network-grade AC surge and noise suppression. A 3840-joule surge protection rating defends your sensitive electronic components against even the strongest power surges, spikes and line noise. The PDUH20-ISO6 covers full normal (H-N) and common (N-G/H-G) protection modes. A green LED confirms your connected equipment is protected.

Up-to-Date Safety Features Protect Your Vital Equipment
The switchless design helps prevent an accidental shutdown, which could lead to costly downtime. A 20A circuit breaker protects connected components from dangerous overloads. A red LED signals a suppressor or wiring fault.

Versatile Installation Options Give You Plenty of Choices
The reversible all-metal housing comes with mounting brackets for installation in 1U of space or 0U vertical mounting in an EIA-standard 19-inch rack. You can also reorient the brackets for permanent mounting under a counter or on a wall with user-supplied hardware.

Highlights

- Ideal no-frills PDU for telecom, security, A/V and other small network applications
- 3840 joules protect your valuable electronics against dangerous surges and spikes
- 12 NEMA 5-20R and 2 5-15R outlets distribute AC power to connected equipment
- 6 ft. cord with L5-20P input (and 5-20P adapter) connects to AC power source
- Flexible installation options include 1U and 0U rack, under counter and on wall

Applications

- Deliver network-grade power to high-density equipment in networking, telecom, security, audio/video and other general portable and stationary rack-mount applications
- Protect valuable electronics against AC power surges and spikes
- Filter potentially damaging line noise to improve connected equipment's performance and lifespan

Package Includes

- PDUH20-ISO6 2kW 100-127V Single-Phase Basic PDU
- NEMA 5-20P input adapter
- Rack-mounting hardware
- Owner's manual

Specifications

OVERVIEW	
UPC Code	037332255990

PDU Type	Basic
INPUT	
Input Phase	Single-Phase
PDU Input Voltage	100; 120; 125; 127
Recommended Electrical Service	Single-phase 20A 100-127V service
Maximum Input Amps	16
Maximum Input Amps Details	Agency de-rated to 16A continuous
PDU Plug Type	NEMA 5-20P; NEMA L5-20P
Input Cord Length (ft.)	6
Input Cord Length (m)	1.83
OUTPUT	
Output Capacity Details	2.03kW (127V), 1.92kW (120V), 1.6kW (100V) / 16A total capacity; 16A max per 5-15/20R outlet; 12A max per 5-15R outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(2) 5-15R; (12) 5-15/20R
Output Nominal Voltage	100-127V
Overload Protection	20A circuit breaker
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LEDs	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)	24.13

Minimum Required Rack Depth (inches)	9.5
PDU Form Factor	Horizontal (1U)
Shipping Dimensions (hwd / in.)	2.20 x 9.30 x 20.40
Shipping Weight (kg)	2.59
Unit Dimensions (hwd / in.)	2.000 x 20.000 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	Grounding lug
STANDARDS & COMPLIANCE	
Product Certifications	RETIE (Colombia); CSA (Canada); NOM (Mexico); UL 1449
Product Compliance	RoHS
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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