

## 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.

## Specifications

### 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

#### OVERVIEW

UPC Code	037332255990
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PDU Type	Basic
<b>INPUT</b>	
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
Input Connection Type	NEMA 5-20P; NEMA L5-20P
PDU Plug Type	NEMA 5-20P; NEMA L5-20P
Input Cord Length (ft.)	6
Input Cord Length (m)	1.83
<b>OUTPUT</b>	
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
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
LED Indicators	Set of 3 diagnostic LEDs continuously report status for LINE OK (green), suppressor or wiring FAULT (red) and PROTECTION PRESENT (green)
<b>SURGE / NOISE SUPPRESSION</b>	
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
<b>PHYSICAL</b>	
Material of Construction	Metal
Rack Height	1U
Form Factors Supported	1U rackmount, 0U vertical rackmount, wall-mount, and under-counter installation



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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
<b>ENVIRONMENTAL</b>	
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)
<b>FEATURES &amp; SPECIFICATIONS</b>	
Grounding	Grounding lug
<b>STANDARDS &amp; COMPLIANCE</b>	
Product Certifications	RETIE (Colombia); CSA (Canada); NOM (Mexico); UL 1449
Product Compliance	RoHS
<b>WARRANTY &amp; SUPPORT</b>	
Product Warranty Period (Worldwide)	2-year limited warranty

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