

## 1.92kW 120V Single-Phase Basic PDU with ISOBAR Surge Protection - 3840 Joules, 14 Outlets, L5-20P Input (5-20P Adapter), 15 ft. Cord, 1U

MODEL NUMBER: PDUH20-ISO



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

### Features

#### Single-Phase 120V PDU Distributes Network-Grade Power to Multiple Loads

This basic PDU 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-ISO features 12 NEMA 5-20R outlets in the rear and two 5-15R outlets in front. A 15-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-ISO 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
- 15 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-ISO 1.92kW 120V Single-Phase Basic PDU
- NEMA 5-20P input adapter
- Rack-mounting hardware
- Owner's manual



## Specifications

OVERVIEW	
UPC Code	037332255877
PDU Type	Basic
INPUT	
PDU Input Voltage	100; 120; 127
Recommended Electrical Service	20A 120V
Maximum Input Amps	20
Maximum Input Amps Details	Agency de-rated to 16A continuous
PDU Plug Type	NEMA 5-20P; NEMA L5-20P
Input Phase	Single-Phase
Input Cord Length (ft.)	15
Input Cord Length (m)	4.57
OUTPUT	
Output Capacity Details	2.03kW (127V), 1.92kW (120V), 1.6kW (100V) / 20A total capacity (Agency de-rated to 16A); 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; 120; 127
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)
Switches	No power switch
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
<b>PHYSICAL</b>	
Form Factors Supported	1U rackmount, 0U vertical rackmount, wall-mount, and under-counter installation
Material of Construction	Metal
Minimum Required Rack Depth (cm)	24.13
Minimum Required Rack Depth (inches)	9.5
PDU Form Factor	Horizontal (1U)
Shipping Dimensions (hwd / in.)	2.25 x 20.50 x 10.00
Shipping Weight (kg)	3.22
Unit Dimensions (hwd / cm)	4.45 x 44.45 x 11.43
Unit Dimensions (hwd / in.)	1.75 x 17.5 x 4.5
Unit Weight (kg)	2.09
Unit Weight (lbs.)	4.6
<b>ENVIRONMENTAL</b>	
Storage Temperature Range	-30°C to +50°C (-22°F to +122°F)
Relative Humidity	5 to 95% non-condensing
Operating Elevation (ft.)	0-10,000
Operating Elevation (m)	0-3000
<b>SPECIAL FEATURES</b>	
TVSS Grounding	Grounding lug
<b>STANDARDS &amp; COMPLIANCE</b>	
Certifications	Tested to UL1449 3rd Edition (USA) and CSA (Canada), RoHS Compliant
Certification Details	Series Number (s) AGIB7410; Safety Standards (Canada) CAN/CSA-C22.2 No. 269.3:2017 (2nd Ed); Safety Standards (U.S.) UL1449:2014 (4th Ed) R7.17; NOM, RETIE
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	2-year limited warranty

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