

## 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 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-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  |
| <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  |
| 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> |  |
| Front Panel LEDs                             | 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  |
| 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  |
| <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 (ft.)            | 0-10,000  |
| Operating Elevation (m)              | 0-3000  |
| <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                               |