

2kW 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.

Specifications

| OVERVIEW | |
|----------|--------------|
| UPC Code | 037332255877 |

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 2kW 120V Single-Phase Basic PDU
- NEMA 5-20P input adapter
- Rack-mounting hardware
- Owner's manual



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| PDU Type | Basic |
| INPUT | |
| PDU Input Voltage | 120 |
| Recommended Electrical Service | Single-phase 20A 120V 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 Phase | Single-Phase |
| Input Cord Length (ft.) | 15 |
| Input Cord Length (m) | 4.57 |
| OUTPUT | |
| Output kW Capacity (kW) | 1.9 |
| Output Capacity Details | 1.92kW (120V) / 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 |
| 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) | 3.13 |
| Unit Dimensions (hwd / in.) | 1.75 x 17.5 x 4.5 |
| 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 | 0C ~ 40C (32F ~ 104F) |
| Storage Temperature Range | -30°C to +50°C (-22°F to +122°F) |
| Relative Humidity | 5-95% non-condensing |
| Operating Elevation (ft.) | 0-10,000 |
| Operating Elevation (m) | 0-3000 |
| FEATURES & SPECIFICATIONS | |
| TVSS Grounding | Grounding lug |
| STANDARDS & COMPLIANCE | |
| Product Certifications | RETIE (Colombia); CSA (Canada); NOM (Mexico); UL 1449 |
| Product Compliance | RoHS |
| WARRANTY | |
| Product Warranty Period (Worldwide) | 2-year limited warranty |

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