

Single-Phase Metered PDU, 3.8kW 20A 120V two independent circuits, 0U vertical mount, 32 NEMA 5-15/20R outlets two L5-20P / 5-20P inputs

MODEL NUMBER: PDUMV40



Description

The PDUMV40 provides an efficient and manageable power distribution solution for multiple servers with dual redundant power supplies, or any other application that requires numerous outlets, high capacity, and a compact form factor. Dual input current monitoring display shows AC power consumption for each independent circuit. Switchless design eliminates accidental shutoff of connected equipment. Unfiltered electrical pass-through without a power switch makes the PDUMV40 ideal for distributing alternate waveform UPS or generator power in rack enclosures, network closets, and more. Each of two independent circuits' supports 16 outlets and equipment loads up to 2,400 watts. 32 outlets and 4,800 watts total capacity without consuming additional rack space.

Features

- All-in-one Zero U form factor enables efficient, single-enclosure installations
- Dual independent circuit design delivers high capacity across 32 outlets in minimal space
- Input plugs, input power cords, breakers and outlets are color-coded to match each independent 20A circuit, allowing simplified cable management for multi-server configurations (each circuit is Agency de-rated to 16A continuous)
- Dual digital current monitoring displays (1 for each circuit)
- 10 ft. dual input power cords increase mounting flexibility; mounting hardware included
- Combines the advantages of two separate high-current PDU's without the extra expense, increased space requirements and added management complexity
- Includes two adapters that convert NEMA L5-20P input plugs to NEMA 5-20P. Twist-lock interface ensures secure connection
- Switchless design prevents accidental shutdown of connected equipment
- Toolless mounting supported in button-mount compatible racks, plus nut-and-bolt mounting brackets for other mounting applications

Specifications

Highlights

- Dual Circuit 71 inch PDU
- Dual Independent Current Monitoring Displays
- 32 NEMA 5-15/20R 120V outlets color coded for each circuit
- Two 20A independent circuits of 16 outlets each
- Color-coded input power cords for each circuit
- Supports connection to NEMA L5-20R or 5-20R 120V 20A wall receptacle

Applications

- Ideal means of powering servers and networking equipment with dual redundant power supplies and other applications requiring numerous outlets, high capacity and a compact form factor. Ideal distribution of alternate and sinewave UPS and generator power or commercially derived AC power to connected equipment.

Package Includes

- PDUMV40 Dual Vertical Circuit/Metered PDU
- Mounting Hardware
- Two NEMA L5-20P to 5-20P plug adapters
- Owner's Manual with warranty information



| OVERVIEW | |
|--------------------------------|---|
| PDU Type | Metered |
| OUTPUT | |
| Output Capacity Details | 3.8kW total, 1.9kW per circuit (120V input); 4.0kW total, 2.0kW per circuit (127V input); 3.2kW total, 1.6kW per circuit (100V input), 40A maximum total, 20A maximum per circuit (Agency de-rated to 32A continuous total, 16A continuous per circuit) |
| Frequency compatibility | 50 / 60 Hz |
| Output watts | 4800 |
| Output nominal voltage | 100-127V nominal, single phase |
| Overload protection | Two 20A breakers |
| Outlet quantity / type | 32 NEMA 5-15/20R |
| Outlet Type | NEMA 5-15R, NEMA 5-20R |
| INPUT | |
| PDU Input Voltage | 100; 120; 127 |
| Maximum Input Amps (A) | 40 |
| Maximum Input Amps (A) Details | Each circuit supports 20A maximum (Agency de-rated to 16A continuous) |
| PDU Plug Type | NEMA 5-20P; NEMA L5-20P |
| Input cord length (ft.) | 10 |
| Input cord length (m) | 3.05 |
| Phase | Single-Phase |
| LEDS ALARMS & SWITCHES | |
| Switches | Switchless design |
| Front panel LEDs | Dual digital current monitoring displays (1 color-coded ammeter for each circuit) |
| PHYSICAL | |
| Shipping Dimensions (HWD/in) | 5 x 71.50 x 2.25 |
| Shipping Dimensions (HWD/cm) | 12.7 x 181.61 x 5.72 |
| Shipping weight (lbs) | 9.2 |
| Shipping weight (kg) | 4.17 |
| Unit Dimensions (HWD/in) | 3 x 71.25 x 1.5 |
| Unit Dimensions (HWD/cm) | 7.62 x 180.98 x 3.81 |
| Unit weight (lbs) | 8.2 |
| Unit weight (kg) | 3.72 |



| | |
|-------------------------------------|---|
| Material of construction | Aluminum |
| Style | Vertical Rackmount, Wallmount, Raceway, Workbench |
| Form factors supported | Zero U vertical rackmount, wall-mount, raceway, workbench and more |
| PDU Form Factor | Vertical (0U) |
| SPECIAL FEATURES | |
| Appearance | Attractive black housing with color-coded circuit identification |
| CERTIFICATIONS | |
| Certifications | Tested to UL60950-1 (USA) and CAN/CSA C22.2 No. 60950-1-03 (Canada), RoHS Compliant |
| WARRANTY | |
| Product Warranty Period (Worldwide) | 2-year limited warranty |

Related Items

Optional Products

| Model Number | Description | Qty. |
|--------------------------------|---|------|
| P006-006-13LA | 6-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13 Left Angle) | 1 |
| P006-006-13RA | 6-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13 Right Angle) | 1 |
| P007-002 | 2-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P) | 1 |
| P030-002-5 | 5-Pack of 2-ft. 18AWG Power Cords NEMA 5-15P to IEC-320-C13) | 1 |
| P006-003 | 3-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13) | 1 |
| P006-004 | 4-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13) | 1 |
| P006-004-BL | 4-ft. 18AWG Power Cord (NEMA 5-15P to IEC-320-C13) with Blue Connectors | 1 |
| P006-004-GN | 4-ft. 18AWG Power Cord (NEMA 5-15P to IEC-320-C13) with Green Connectors | 1 |
| P006-004-RD | 4-ft. 18AWG Power Cord (NEMA 5-15P to IEC-320-C13) with Red Connectors | 1 |
| P006-004-YW | 4-ft. 18AWG Power Cord (NEMA 5-15P to IEC-320-C13) with Yellow Connectors | 1 |
| P006-006 | 6-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13) | 1 |
| P007-006 | 6-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P) | 1 |
| P006-006-2 | 6-ft. AC Power Splitter Cable (NEMA 5-15P to 2 x IEC-320-C13) | 1 |
| P006-006-515MF | 6 ft. Piggyback Power Cord (NEMA 5-15P/R to IEC-320-C13) | 1 |
| P007-010 | 10-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P) | 1 |
| P049-010 | 10-ft. 12AWG Heavy Duty Power cord (IEC-320-C19 to NEMA 5-20P) | 1 |



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|----------|---|---|
| P006-010 | 10-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13) | 1 |
| P010-012 | 12-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13) | 1 |
| P043-002 | 2-ft. 10AWG Heavy Duty Power Cord with 20 AMP Breaker, (NEMA L5-30P to NEMA L5-20R) | 1 |
| P044-06I | 6-inch 12AWG Heavy Duty Power Adapter cord (NEMA-L5-20R to NEMA-5-20P) | 1 |

More information, including related products, owner's manuals, and additional technical specifications, can be found online at:

<http://www.tripplite.com/sku/PDUMV40>.

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