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Model #: PDUMV30

Single-Phase Metered PDU, 30A 120V, 0U Vertical Rackmount, NEMA 5-15/20R outlets, NEMA L5-30P input plug



Highlights

- Metered 0U 63.75 in. vertical rack PDU
- 120V 30A maximum capacity
- Two built-in ammeters display current usage for both 20A breakered load banks
- 10 ft. input cable with locking L5-30P plug and 24 5-15/20R output receptacles
- Toolless button-mount installation
- Cord retention brackets keep vital equipment plugs connected

Description

Tripp Lite Metered Power Distribution Units give IT Managers the ability to monitor network power consumption levels to prevent mains, generator, UPS or PDU overloads and to ensure proper load balance in complex redundant power applications. Each built-in, easy to read, two-character LED display offers continuous PDU current monitoring data in one-amp increments. Switch-free unfiltered electrical pass-through reliably distributes UPS or generator power to multiple servers and vital networking equipment in rack enclosures, network closets and more. Toolless mounting enables simple installation in button-mount compatible racks. Included mounting brackets support vertical installation in standard 2 and 4 post racks or other surfaces, such as under-counter or wallmount configurations. Plug retention brackets keep vital equipment plugged in and continuously powered.

PDUMV30 63.75 in. vertical 0U metered rack PDU supports 30A maximum capacity at 120V (agency derated to 24A). Includes 10-ft. attached line cord with L5-30P input plug. 24 5-15/20R outlets support networking equipment with 5-15P or 5-20P input plugs. Outlets are arranged in two separately metered and breakered 20A load banks (each with 12 5-15/20R outlets). Set of 2 built-in 2 character displays offer continuous information on PDU power consumption for each of the two built-in loading banks.

Applications

- Ideal for network configurations where a metered, non-switched PDU is required to distribute UPS or generator power to multiple pieces of networking equipment

Package Includes

- PDUMV30 63.75 inch basic PDU with owner's manual
- Set of 2 bolt-on plug retention brackets and installation hardware
- Set of mounting brackets and installation hardware

Features

- 120V 30A Metered Power Distribution Unit (PDU) in 63.75 in. 0U vertical form factor.
- 30A maximum capacity (Agency derated to 24A)
- Attached L5-30P input plug with 10-ft. line cord
- 24 5-15/20R output receptacles accept both 5-15P and 5-20P equipment plugs
- Outlets are arranged in two separately breakered and metered 20A load banks (each with 12 5-15/20R outlets)
- Current meters offer the ability to monitor network power consumption levels to prevent mains, generator, UPS or PDU overloads and to ensure proper load balance in complex redundant power applications

- Pair of easy-to-read, two-character LED displays offer continuous PDU current monitoring data in one-amp increments for each metered load bank
- Circuit breaker offers protection from overloads and short circuit fault conditions
- Sleeved circuit breaker assembly prevents accidental shutoff and requires no tools to reset if tripped
- Switch-free unfiltered electrical pass-through reliably distributes UPS or generator power to critical networking equipment
- Toolless installation supports fast installation in button-mount compatible equipment racks
- Included nut & bolt mounting brackets support installation in racks or other flat surfaces, such as under-counter, wallmount and other surfaces
- Cord retention brackets keep vital equipment plugs connected

Specifications

| OVERVIEW | |
|--------------------------------|--|
| Model Type | Metered |
| PDU Type | Metered |
| OUTPUT | |
| Frequency compatibility | 50 / 60 Hz |
| Output nominal voltage | 120V |
| Overload protection | Outlets are arranged in two separately breakered load banks. The top 20A breaker covers outlets on the upper half, the bottom 20A breaker covers outlets on the lower half of the PDU. Each breakered bank covers 12 5-15/20R outlets. |
| Outlet quantity / type | 24 5-15/20R (each outlet accepts 5-15P or 5-20P equipment plugs) |
| INPUT | |
| PDU Input Voltage | 100; 120; 127 |
| Recommended Electrical Service | 120V |
| Maximum Input Amps (A) | 30 |
| Maximum Input Amps (A) Details | Agency de-rated to 24A continuous |
| Input connection type | L5-30P (120V 30A) |
| Plug Type | NEMA L5-30P (30A 120V) |
| PDU Plug Type | NEMA L5-30P |
| Input cord length (ft.) | 10 |
| Input cord length (m) | 3 |
| Voltage compatibility (VAC) | 120 |
| Phase | Single-Phase |
| LEDS ALARMS & SWITCHES | |
| Switches | n/a |
| Front panel LEDs | Includes 2 built-in 2-character LED meters to display power consumption of items plugged into each separately breakered 20A loading bank. |
| PHYSICAL | |
| Shipping weight (lbs) | 13 |

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|---|---|
| Shipping weight (kg) | 5.9 |
| Unit Dimensions (HWD/in) | 63.75 x 2.25 x 3.75 |
| Unit Dimensions (HWD/cm) | 162 x 5.7 x 9.5 |
| Shipping Dimensions (HWD/in) | 64.5 x 3.5 x 4.75 |
| Shipping Dimensions (HWD/cm) | 163.8 x 8.9 x 12.1 |
| Unit weight (lbs) | 8 |
| Unit weight (kg) | 3.6 |
| Material of construction | Aluminum |
| Style | Vertical Rackmount, Wallmount, Raceway, Workbench |
| Form factors supported | 0u vertical installation in equipment racks, plus under-counter and wallmount |
| PDU Form Factor | Vertical (0U) |
| ENVIRONMENTAL | |
| Relative Humidity | 0-95% non-condensing |
| CERTIFICATIONS | |
| Certifications | Tested to UL60950-1 (USA, Canada), NOM (Mexico) |
| WARRANTY | |
| Product Warranty Period (U.S., Canada & Puerto Rico) | Lifetime limited warranty |

Related Items

Optional Products

| Product Type | Related Model | Description | Qty. |
|--------------|--------------------------|--|------|
| Power Cables | P007-002 | 2-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P) | 1 |
| Power Cables | P007-006 | 6-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P) | 1 |
| Power Cables | P007-010 | 10-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P) | 1 |
| Power Cables | P010-012 | 12-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13) | 1 |
| Power Cables | P012-006 | 6-ft. Notebook Power cord (NEMA 1-15P to IEC-320-C7) | 1 |
| Power Cables | P022-001 | 1-ft. 18AWG Power Extension cord (NEMA 5-15R to NEMA 5-15P) | 1 |
| Power Cables | P023-001 | 1-ft. 14AWG Power Adapter cord (NEMA L5-15R to NEMA 5-15P) | 1 |
| Power Cables | P034-010 | 10-ft. 14AWG Heavy Duty Power cord (IEC-320-C19 to NEMA 5-15P) | 1 |

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|------------------|-------------------------------|--|---|
| Power Cables | P044-06I | 6-inch 12AWG Heavy Duty Power Adapter cord (NEMA-L5-20R to NEMA-5-20P) | 1 |
| Power Cables | P049-010 | 10-ft. 12AWG Heavy Duty Power cord (IEC-320-C19 to NEMA 5-20P) | 1 |
| Rack Accessories | SRCABLEDUCT1U | 1U Horizontal Cable Manager (Finger duct with cover.) | 1 |
| Rack Accessories | SRCABLERING1U | 1U Horizontal Cable Manager (Flexible ring type.) | 1 |
| Rack Accessories | SRCABLERING2U | 2U Horizontal Cable Manager (Flexible ring type.) | 1 |

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/en/products/model.cfm?txtModelID=3747.

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