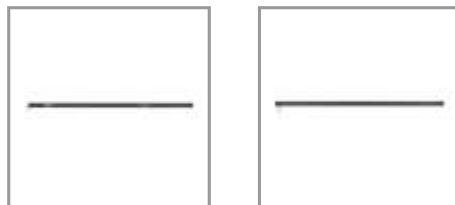


## 2.88kW Single-Phase Local Metered PDU with ISOBAR Surge Protection, 120V, 3840 Joules, 20 NEMA 5-15/20R Outlets, L5-30P Input, 10 ft. Cord, 0U Vertical, TAA

MODEL NUMBER: PDUMV30-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 and Monitors Network-Grade Power to Multiple Loads

This local metered rack PDU (rPDU) is an ideal 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 PDUMV30-ISO provides real-time monitoring of load levels via its built-in digital current metering. A 10-foot (3.1-meter) cord with L5-30P input plug connects to your facility's AC power source, generator or protected UPS system to distribute power to connected loads.

#### Digital Load Meter Helps Prevent Potentially Expensive Overloads

The PDUMV30-ISO features 20 NEMA 5-15/20R outlets in two separately breakered load banks. A digital ammeter reports the load for each bank separately, so you can balance loads across both built-in 20A breakers. Add the two load-bank current values together to determine total input current. Monitoring amperage helps ensure load levels remain well below maximum capacity with no danger of overload that could lead to costly downtime or damaged equipment. Maintaining proper load levels can keep your TCO (total cost of ownership) low.

#### 3840 Joules per Load Bank 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 PDUMV30-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

All outlets are protected by a resettable 30A circuit breaker that shuts down the PDU in the event of a power load to safeguard connected equipment. A transparent cover protects the lighted on/off switch to help prevent an accidental shutdown that could lead to costly downtime.

#### Versatile Installation Options Give You Plenty of Choices

The 0U PDU mounts vertically using the included hardware. Vertical 0U mounting reduces cable clutter and permits efficient airflow through the rack. You can also install the long-lasting all-metal housing on a wall, raceway or a similar flat surface.

### Highlights

- Local metered PDU ideal for telecom, security, A/V and other small network applications
- Digital ammeter for on-site load monitoring helps prevent power overloads
- 3840 joules protect your valuable electronics against dangerous surges and spikes
- 20 NEMA 5-15/20R outlets distribute AC power to connected equipment
- Flexible installation options include 0U rack, under counter and on wall

### Package Includes

- PDUMV30-ISO 2.88kW 120V Single-Phase Local Metered PDU
- Mounting hardware
- Owner's manual



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## Specifications

| OVERVIEW                            |                                                                                                                                          |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| UPC Code                            | 037332255891                                                                                                                             |
| PDU Type                            | Local Metered                                                                                                                            |
| INPUT                               |                                                                                                                                          |
| Input Phase                         | Single-Phase                                                                                                                             |
| PDU Input Voltage                   | 120V                                                                                                                                     |
| Recommended Electrical Service      | Single-phase 30A 120V service                                                                                                            |
| Maximum Input Amps                  | 24                                                                                                                                       |
| Maximum Input Amps Details          | Agency de-rated to 24A continuous                                                                                                        |
| PDU Plug Type                       | NEMA L5-30P                                                                                                                              |
| Input Cord Length (ft.)             | 10                                                                                                                                       |
| Input Cord Length (m)               | 3.05                                                                                                                                     |
| OUTPUT                              |                                                                                                                                          |
| Output Capacity (kW)                | 2.88                                                                                                                                     |
| Output Capacity Details             | 2.88kW (120V) / 20A total capacity per bank; 16A max per 5-15/20R outlet                                                                 |
| Frequency Compatibility             | 50 / 60 Hz                                                                                                                               |
| Output Receptacles                  | (20) 5-15/20R                                                                                                                            |
| Output Nominal Voltage              | 120V                                                                                                                                     |
| Overload Protection                 | 20A circuit breakers                                                                                                                     |
| USER INTERFACE, ALERTS & CONTROLS   |                                                                                                                                          |
| Front Panel LCD Display             | Dual Two-digit LED current meters reports PDU output load in amps per bank                                                               |
| LED Indicators                      | 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                                                                                                                                 |



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|                                      |                                                                                                                                                 |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunity                             | Conforms to IEEE 587 / ANSI C62.41                                                                                                              |
| Automatic Shut-Off                   | No                                                                                                                                              |
| <b>PHYSICAL</b>                      |                                                                                                                                                 |
| Material of Construction             | Metal                                                                                                                                           |
| Rack Height                          | 0U                                                                                                                                              |
| Form Factors Supported               | 0U vertical rackmount                                                                                                                           |
| PDU Form Factor                      | Vertical (0U)                                                                                                                                   |
| Receptacle Color                     | Black                                                                                                                                           |
| Shipping Dimensions (hwd / in.)      | 5.91 x 6.89 x 76.57                                                                                                                             |
| Shipping Weight (kg)                 | 8.10                                                                                                                                            |
| Unit Dimensions (hwd / in.)          | 70.000 x 2.170 x 4.210                                                                                                                          |
| Unit Dimensions (hwd / cm)           | 70 x 2.17 x 4.21                                                                                                                                |
| Unit Weight (lbs.)                   | 13.96                                                                                                                                           |
| Unit Weight (kg)                     | 6.33                                                                                                                                            |
| <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                    | 5-95% non-condensing                                                                                                                            |
| Operating Elevation                  | 0-10000 ft. (0-3000 m)                                                                                                                          |
| <b>FEATURES &amp; SPECIFICATIONS</b> |                                                                                                                                                 |
| Grounding                            | Rear grounding lug                                                                                                                              |
| <b>STANDARDS &amp; COMPLIANCE</b>    |                                                                                                                                                 |
| Product Certifications               | CAN/CSA-C22.2 No. 269.3 (Canada); CAN/CSA-C22.2 No. 62368-1 (Canada); IEC 62368-1; NOM (Mexico); RETIE (Colombia); UL 1363; UL 1449; UL 62368-1 |
| Product Compliance                   | RoHS; Trade Agreements Act (TAA)                                                                                                                |
| <b>WARRANTY &amp; SUPPORT</b>        |                                                                                                                                                 |
| Product Warranty Period (Worldwide)  | 2-year limited warranty                                                                                                                         |

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