

## 2.9kW Single-Phase Monitored PDU - 120V Outlets (16 5-15/20R), L5-30P, 10 ft. (3.05 m) Cord, 2U Rack-Mount, TAA

MODEL NUMBER: PDUMNH30



2U PDU provides real-time local and remote monitoring of voltage, frequency and load levels.

### Features

**2.9kW Single-Phase Monitored rack PDU (rPDU) with LX Platform Interface** PDUMNH30 distributes and monitors single-phase 120V power to connected rack equipment in data centers, network closets, server rooms, computer rooms and other applications requiring network-grade power. Its built-in network interface allows real-time remote monitoring of voltage, frequency and load levels to prevent overloads that cause expensive downtime. It features 16 NEMA 5-15/20R outlets and a 10-ft. (3.05 m) power cord with NEMA L5-30P plug, which connects the PDU to a compatible AC power source, generator or protected UPS system.

**Built-In LX Platform Network Management Interface Card** The built-in WEBCARDLX with the latest version of PowerAlert Device Manager firmware (PADM20) provides enhanced remote management capabilities, including customizable dashboard graphs to fit user preferences. The PADM20 upgrade and PowerAlert Element Manager (PAEM) software form a powerful tool for expanding maintenance functions in large installations, including firmware update checks and backup and restoration of device configurations.

**Digital Load Meter** The easy-to-read two-character digital LED meter displays output load levels in three segments: breaker bank 1, breaker bank 2 and total PDU output. Monitoring the individual breaker load banks helps ensure proper balance across the two output load banks. Monitoring total PDU output helps prevent PDU and supply circuit overloads that cause downtime.

**Optimized for Demanding Applications** The all-metal housing is designed to endure in busy, demanding IT and industrial environments. The included cord retention brackets for the outlets help prevent connected equipment from becoming accidentally disconnected. Real-time clock backup maintains the time of day and date, even if the PDU is shut down and unpowered.

**Versatile Installation Options** This server rack PDU features a 2U horizontal rack-mount form factor. Mounting flanges support installation in 2- and 4-post racks, with additional support for wall-mount and under-counter installation. Mounting ears are reversible for front- or rear-facing rack-mount installation.

**TAA-Compliant for GSA Schedule Purchases** The PDUMNH30 monitored power distribution unit is compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

**2-Year Warranty and Environmentally Responsible Design** This monitored PDU comes with a 2-year

### Highlights

- 16 NEMA 5-15/20R outlets with cord retention brackets
- Digital readout monitors current to prevent circuit overload
- Pre-installed WEBCARDLX with latest version of PADM20 for enhanced remote management
- Temperature, humidity and contact-closure monitoring options
- L5-30P input with 10-ft. (3.05 m) cord

### Applications

- Give IT personnel enhanced oversight of network power conditions by remotely monitoring site power conditions and PDU load levels
- Provide reliable distribution of AC power to supported equipment in IT, industrial and similar applications
- Configure for 2U rack-mount installation with included hardware, making it easy to integrate with a wide range of data center and network applications

### Package Includes

- PDUMNH30 2.9kW Single-Phase Monitored PDU
- Rack-mounting brackets
- Cord retention brackets
- Cable ties
- Owner's manual

limited warranty. It's manufactured in compliance with strict RoHS specifications.

## Specifications

| OVERVIEW                          |  |
|-----------------------------------|--|
| UPC Code                          | 037332157652   |
| PDU Type                          | Monitored  |
| INPUT                             |  |
| Input Phase                       | Single-Phase   |
| PDU Input Voltage                 | 120  |
| 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 Details           | 2.88kW (120V) / 24A total capacity; 20A max per breakered load bank; 16A max per outlet  |
| Frequency Compatibility           | 50 / 60 Hz   |
| Output Receptacles                | (16) 5-15/20R  |
| Output Nominal Voltage            | 120V   |
| Overload Protection               | Two 20A breakers protect 8 outlets each  |
| USER INTERFACE, ALERTS & CONTROLS |  |
| Front Panel LCD Display           | Digital current meter reports PDU output current in amps for 3 loading segments (Bank 1, Bank 2 and Banks 1&2 combined)  |
| Front Panel LEDs                  | Front panel LEDs indicate which loading segment the digital LCD current display is reporting; Bank 1 current level is reported when the Bank 1 LED is on; Bank 2 current level is reported when the Bank 2 LED is on; Total output of both banks is reported when both LEDs are on |
| Switches                          | Toggle switch prompts local display of power consumption in three segments (1) Breakered load bank 1, (2) Breakered load bank 2, (3) Breakered banks 1&2 combined  |
| SURGE / NOISE SUPPRESSION         |  |
| Automatic Shut-Off                | No   |
| PHYSICAL                          |  |
| Material of Construction          | Metal  |
| Rack Height                       | 2U   |



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|                                      |   |
|--------------------------------------|---|
| Form Factors Supported               | 1U rackmount  |
| Minimum Required Rack Depth (cm)     | 44.45   |
| Minimum Required Rack Depth (inches) | 17.5  |
| PDU Form Factor                      | Horizontal (2U)   |
| Shipping Dimensions (hwd / in.)      | 8.00 x 21.00 x 17.00  |
| Shipping Dimensions (hwd / cm)       | 20.32 x 53.34 x 43.18   |
| Shipping Weight (lbs.)               | 16.90   |
| Shipping Weight (kg)                 | 7.67  |
| Unit Dimensions (hwd / in.)          | 3.500 x 17.500 x 12.500   |
| Unit Dimensions (hwd / cm)           | 8.9 x 44.5 x 31.8   |
| Unit Weight (lbs.)                   | 13.8  |
| Unit Weight (kg)                     | 6.26  |
| <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                  | 0-10000 ft. (0-3000 m)  |
| <b>COMMUNICATIONS</b>                |   |
| PowerAlert Software                  | LX Platform Interface: PowerAlert Device Manager  |
| Communications Cable                 | Micro-USB- to-USB A configuration/console Access cable  |
| Network Monitoring Port              | RJ45 Network port, Micro-USB Configuration port, USB A port supports a variety of Envirosense2 environmental and control modules. See Accessories>Management Hardware section for more information about these modules. |
| SNMP Compatibility                   | Pre-installed LX platform interface provides remote monitoring via Java-free HTML5 web interface, telnet, SSH and SNMP management systems   |
| Network Compatibility                | 10 Mbps; 100 Mbps (Fast Ethernet)   |
| <b>FEATURES &amp; SPECIFICATIONS</b> |   |
| High Availability PDU Features       | Remote Network Notifications  |
| <b>STANDARDS &amp; COMPLIANCE</b>    |   |
| Product Certifications               | NOM (Mexico); UL 60950-1  |
| Product Compliance                   | RoHS; FCC Part 15 Class A (USA); Trade Agreements Act (TAA)   |
| <b>WARRANTY &amp; SUPPORT</b>        |   |
| Product Warranty Period (Worldwide)  | 2-year limited warranty   |



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