

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

MODEL NUMBER: PDUMH30NET



2.9kW switched PDU distributes, monitors and manages single-phase power in an IT environment. Built-in Java-free network interface helps you remotely monitor load levels to prevent overloads that cause downtime.

### Description

The PDUMH30NET 2.9kW Single-Phase Switched PDU provides advanced network control and remote power monitoring with the ability to turn on, turn off, reboot or lock out power to each outlet. By reducing the frequency of on-site visits, these advanced remote capabilities can save you money and reduce downtime.

The switched PDU features 16 individually controllable NEMA 5-15/20R outlets with included cord retention brackets to prevent cables from becoming accidentally disconnected. A 10-ft. (3.05 m) power cord with NEMA L5-30P plug connects the PDU to a compatible AC source, generator or protected UPS. The built-in Java-free HTML5-based LX Platform network interface enables full remote access for PDU status monitoring and email notifications via secure web browser, SNMP, telnet or SSH. It supports 10/100 Mbps auto-sensing for optimum communication with an Ethernet network. Optional EnviroSense2 modules (sold separately) provide a variety of environmental monitoring capabilities. Protocols supported include IPv4, IPv6, HTTP, HTTPS, SMTP, SNMPv1, SNMPv2, SNMPv3, telnet, SSH, FTP, DHCP, BOOTP and NTP.

A digital ammeter allows you to monitor each load bank's current and the total connected PDU load in real time to ensure they remain well below maximum capacity with no danger of overload. The switched PDU mounts in 2U of space in EIA-standard 19-inch racks using the included hardware or beneath a counter with user-supplied screws.

### Features

**Distributes, Monitors and Manages Network-Grade AC Power** 2.9kW 120V switched PDU with single-phase input NEMA L5-30P plug with 10-ft. (3.05 m) cord connects to compatible AC power source  
Firmware upgrades support future product enhancements

**16 Switched NEMA 5-15/20R Outlets Distribute AC Power** Individual outlets can be remotely controlled to power up, power down, reboot or lock out devices  
Included cord retention brackets prevent cables from becoming accidentally disconnected

**Digital Ammeter** Reports current for each load bank and total connected PDU load

**Built-In LX Platform Interface** Pre-installed WEBCARDLX with the latest version of PowerAlert Device

### Highlights

- 2.9kW 120V single-phase 2U rack-mount switched PDU
- 16 controllable NEMA 5-15/20R outlets in 2 load banks
- Pre-installed WEBCARDLX with latest version of PADM20 for IP-based Auto Probe feature
- Digital ammeter for on-site load monitoring in real time
- NEMA L5-30P input with 10-ft. (3.05 m) AC power cord

### Package Includes

- PDUMH30NET 2.9kW Single-Phase Switched PDU
- Built-in LX Platform interface
- Configuration cable
- Cord retention brackets
- (16) Cable ties
- Rack-mounting hardware
- Owner's manual

Manager firmware (PADM20) provides enhanced remote management capabilities. PADM20 and PowerAlert Element Manager (PAEM) form a powerful tool for expanding maintenance functions in large installations, including firmware update checks and backup and restoration of device configurations. IP-based Auto Probe detects lost connectivity and restores service autonomously.

**Essential Safety Features** Tiered access allows administrator and guest to log in via web browser. Immediate alert notifications via email or SNMP traps. Supports user-specified alarm notification thresholds. Real-time clock backup maintains day/date even if PDU is unpowered.

**Easy 2U Installation in EIA-Standard 19 in. Racks** Rack-mounting hardware included for front- or rear-facing installation. Under-counter mounting also available with included hardware and user-supplied screws.

**TAA-Compliant** Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

## Specifications

| OVERVIEW                               |  |
|--|--|
| UPC Code                               | 037332139313   |
| PDU Type                               | Switched   |
| 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 breaker load bank; 16A max per outlet  |
| Frequency Compatibility                | 50 / 60 Hz   |
| Output Receptacles                     | (16) 5-20R   |
| Output Nominal Voltage                 | 120V   |
| Overload Protection                    | Two 20A breakers protect 8 outlets each  |
| Customized Load Management Receptacles | Each outlet is individually controllable via remote interface  |
| USER INTERFACE, ALERTS & CONTROLS      |  |
| Front Panel LCD Display                | Digital current display with toggle switch reports output load level in 3 segments (Bank 1: Outlets #1-8, Bank 2: Outlets #9-16, Bank 3: All outlets combined) |

|                                      |   |
|--------------------------------------|---|
| Front Panel LEDs                     | 16 power availability LEDs confirm power off/on status for each built-in outlet. Two additional LEDs with toggle button identify which bank the visual current meter is reporting (Bank 1, Bank 2 or Bank 1&2 combined); WEBCARDLX: Link/Activity LED (Yellow), Network Speed (Green), LX operational status LED (Green)) |
| Switches                             | Toggle switch advances the digital display to report output current on Bank 1, Bank 2 or Banks 1&2 combined; <a href="http://tripplite.eaton.com/Web-Management-Accessory-Card-WEBCARDLX">WEBCARDLX</a> ; Recessed reset switch to reboot or reset network card to factory defaults                                       |
| <b>SURGE / NOISE SUPPRESSION</b>     |   |
| Automatic Shut-Off                   | No  |
| <b>PHYSICAL</b>                      |   |
| Material of Construction             | Metal   |
| Form Factors Supported               | 2U rackmount. Includes 2U mounting accessories for 4 post and 2 post rack installation  |
| Minimum Required Rack Depth (cm)     | 44.45   |
| Minimum Required Rack Depth (inches) | 17.5  |
| PDU Form Factor                      | Horizontal (2U)   |
| Shipping Dimensions (hwd / in.)      | 7.80 x 16.80 x 19.80  |
| Shipping Dimensions (hwd / cm)       | 19.81 x 42.67 x 50.29   |
| Shipping Weight (lbs.)               | 17.30   |
| Shipping Weight (kg)                 | 7.85  |
| Unit Dimensions (hwd / in.)          | 3.500 x 17.500 x 12.500   |
| Unit Dimensions (hwd / cm)           | 8.9 x 44.5 x 31.75  |
| 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 (ft.)            | 0-10,000  |
| Operating Elevation (m)              | 0-3000  |
| <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   |

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| Network Compatibility                | 10 Mbps; 100 Mbps (Fast Ethernet)                               |
| <b>FEATURES &amp; SPECIFICATIONS</b> |   |
| High Availability PDU Features       | Auto Probe Monitoring and Reboot (included); Auto Load Shedding |
| <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   |