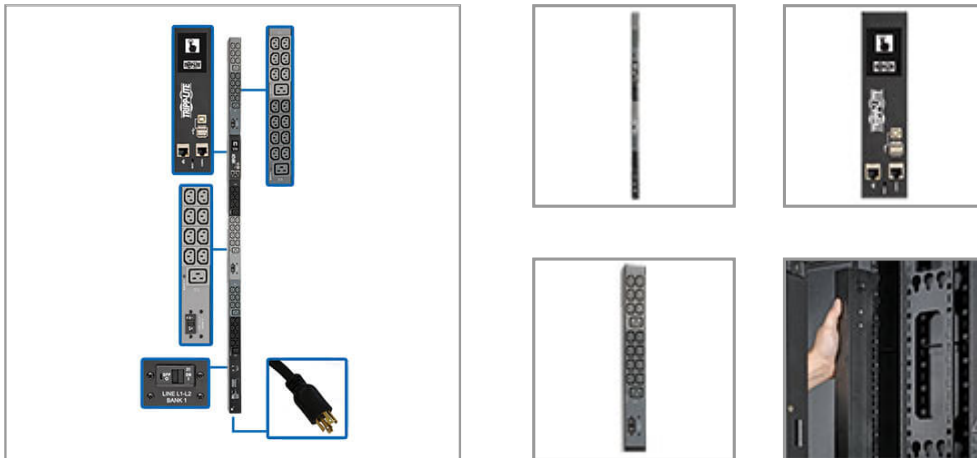# 10kW 200-240V 3PH Monitored PDU - LX Interface, Gigabit, 48 Outlets, L15-30P, LCD, 1.8 m Cord, 0U 1.8 m Height, TAA

MODEL NUMBER: **PDU3EVN6L1530B**



Distributes AC power and remotely monitors load levels to prevent overloads that can cause costly downtime in an IT or industrial environment.

## Description

The PDU3EVN6L1530B 10kW 3-Phase Monitored PDU provides real-time remote monitoring of voltage, frequency and load levels via built-in network connection.

Recommended for IT and industrial applications, this PDU features 42 C13 and 6 C19 receptacles with included plug-lock insert sleeves to prevent cables from becoming accidentally disconnected. A 6-ft. (1.83 m) cord with NEMA L15-30P input plug connects the 3-phase PDU to a compatible AC power source, generator or protected UPS.

The 0U PDU mounts vertically in racks using the included toolless mounting buttons or the included rack-mounting brackets. Use the included PDUMVROTATEBRKT kit to install the unit with outlets facing the rear for better airflow or equipment access.

A color touchscreen LCD lets you toggle between menus to monitor input current level per phase and output current per load bank with ±1% billing-grade accuracy, environmental sensor data and network information. It also generates a unique QR code to allow access to the PDU through a mobile device.

The 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. DHCP/Manual configuration lets you assign network settings to the card automatically, reducing the need for manual configuration. Automated alerts help prevent accidental overloads, power loss and downtime. Optional EnviroSense2 modules (sold separately) provide a variety of environmental monitoring capabilities, including temperature and humidity conditions.

## Features

**Distributes and Monitors Network-Grade AC Power**10kW 200-240V monitored PDU with 3-phase inputNEMA L15-30P plug with 6-ft. (1.83 m) cord connects to compatible AC power sourceFirmware upgrades support future product enhancements

**48 Outlets Distribute AC Power**42 C13 and 6 C19 split into 3 separately breakered load banksPlug-lock insert sleeves prevent cables from becoming accidentally disconnected

**Color Touchscreen LCD**Reports network data, including IP address, input current level per phase and output current per load bank with ±1% billing-grade accuracyGenerates unique QR code for read-only access to PowerAlert® Device Manager via mobile deviceFull access available by logging into PowerAlert Device Manager via browser as user with read/write credentials

## Highlights

- 10kW 200-240V 3-phase Gigabit Ethernet-capable 0U monitored PDU
- 42 C13 and 6 C19 receptacles with plug-lock inserts
- Touchscreen LCD with mobile access option via QR code
- NEMA L15-30P input with 1.8 m power cord
- Pre-installed GbE-capable WEBCARDLX with latest version of PADM20 for enhanced remote management

## Applications

- Power mission-critical rack equipment in a data center, computer room or high-density network closet in a government, commercial or industrial facility
- Monitor power loads from various computers, switches, servers and other networking equipment

## Package Includes

- PDU3EVN6G30B 10kW 3-Phase Monitored PDU
- Configuration cable
- (48) Plug-lock insert sleeves
- PDUMVROTATEBRKT mounting bracket accessory
- Rack-mounting hardware
- Owner's manual

**Built-In GbE-Capable LX Interface**Pre-installed WEBCARDLX with the latest version of PowerAlert Device Manager firmware (PADM20) provides enhanced remote management capabilitiesPADM20 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

**Broad Communications Compatibility**Supports IPv4, IPv6, HTTP, HTTPS, SMTP, SNMPv1, SNMPv2, SNMPv3, telnet, SSH, FTP, DHCP and NTPSupports automatic and manual assignment of IP address

**Easy 0U Installation in EIA-Standard 19 in. Racks**Mounts vertically using included toolless buttons or rack-mounting bracketsIncluded PDUMVROTATEBRKT allows mounting with rear-facing outlets

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

# Specifications

| OVERVIEW | |
|---|---|
| UPC Code | 037332195357 |
| PDU Type | Monitored |

| INPUT | |
|---|---|
| Input Phase | 3-Phase |
| PDU Input Voltage | 200; 208; 220; 230; 240 |
| Recommended Electrical Service | Three-phase 30A 200-240V service |
| Maximum Input Amps | 24 |
| Maximum Input Amps Details | Agency de-rated to 24A continuous |
| PDU Plug Type | NEMA L15-30P |
| Input Cord Length (ft.) | 6 |
| Input Cord Length (m) | 1.83 |

| OUTPUT | |
|---|---|
| Output Capacity Details | 10kW (240V), 9.6kW (230V), 9.1kW (220V), 8.6kW (208V), 8.3kW (200V) total capacity; 13.9A max per breakered outlet bank; 12A max per C13 outlet |
| Frequency Compatibility | 50 / 60 Hz |
| Output Receptacles | (42) C13; (6) C19 |
| Output Nominal Voltage | 200-240V |
| Overload Protection | Three 20A circuit breakers, one per output load bank |

| USER INTERFACE, ALERTS & CONTROLS | |
|---|---|
| Reported Load Segments | Reports input current per phase (L1, L2, L3) and output current for each breakered load bank (13.9A balanced max per banks B1-B3); Outlets are color-coded and labeled for phase and load bank identification; L1-L2 feeds black outlets (B1); L2-L3 feeds dark-gray outlets (B2); L3-L1 feeds light-gray outlets (B3) |

| Front Panel LCD Display | Touchscreen LCD reports NETWORK DATA (IP address, Subnet Mask, Gateway, MAC Address, Device Name, Model, Serial Number), INPUT PHASE DATA (Amperage, Wattage, Voltage per phase, plus Unbalance percentage), LOAD BANK DATA (Amperage, Wattage, Voltage per load bank, plus total PDU output in watts), CONFIGURATION DATA (Listing of current configuration settings), ENVIRONMENTAL DATA (Reports data and status of E2 sensor modules; Sensor options are available for temperature and humidity, plus input and output dry contacts), MOBILE ACCESS (Generates a unique QR code to view reported PDU details on a mobile device) |
|---|---|
| Current Measurement Accuracy (Amps) | +/-1% |
| Voltage Measurement Accuracy (Volts) | +/-1% |
| Power Measurement Accuracy (Watts) | +/-1% |

| **SURGE / NOISE SUPPRESSION** | |
|---|---|
| Automatic Shut-Off | No |

| **PHYSICAL** | |
|---|---|
| Material of Construction | Metal |
| Form Factors Supported | Vertical rackmount installation supported with included mounting brackets; supports toolless mounting in button-mount compatible racks |
| PDU Form Factor | Vertical (0U) |
| Shipping Dimensions (hwd / in.) | 6.30 x 9.70 x 75.70 |
| Shipping Dimensions (hwd / cm) | 16.00 x 24.64 x 192.28 |
| Shipping Weight (lbs.) | 23.00 |
| Shipping Weight (kg) | 10.43 |
| Unit Dimensions (hwd / in.) | 70.000 x 2.170 x 2.860 |
| Unit Dimensions (hwd / cm) | 177.8 x 5.5 x 7.3 |
| Unit Weight (lbs.) | 14.93 |
| Unit Weight (kg) | 6.77 |

| **ENVIRONMENTAL** | |
|---|---|
| Operating Temperature Range | 32° to 122°F (0° to 50°C) |
| Storage Temperature Range | -22° to 140°F (-30° to 60°C) |
| Relative Humidity | 5% to 95% non-condensing |
| Operating Elevation (ft.) | 0-10,000 |
| Operating Elevation (m) | 0-3000 |

| **COMMUNICATIONS** | |
|---|---|
| PowerAlert Software | LX Platform Interface: PowerAlert Device Manager |
| Communications Cable | USB B-to-USB A Configuration/Console Access cable |
| Network Monitoring Port | RJ45 Network port, RJ45 Config/Console Access port; 2x USB A ports supports a variety of Envirosense2 environmental and control modules. See Accessories>Management Hardware section for more information about these modules. USB B port (Configuration & Console Access) |

| SNMP Compatibility | Pre-installed LX platform network interface |
|---|---|
| Network Compatibility | 10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit) |

| **FEATURES & SPECIFICATIONS** | |
|---|---|
| High Availability PDU Features | Remote Network Notifications |

| **STANDARDS & COMPLIANCE** | |
|---|---|
| Product Certifications | CAN/CSA-C22.2 No. 60950-1 (Canada); NOM (Mexico); UL 60950-1 |
| Product Compliance | RoHS; FCC Part 15 Class A (USA); Trade Agreements Act (TAA) |

| **WARRANTY & SUPPORT** | |
|---|---|
| Product Warranty Period (Worldwide) | 2-year limited warranty |