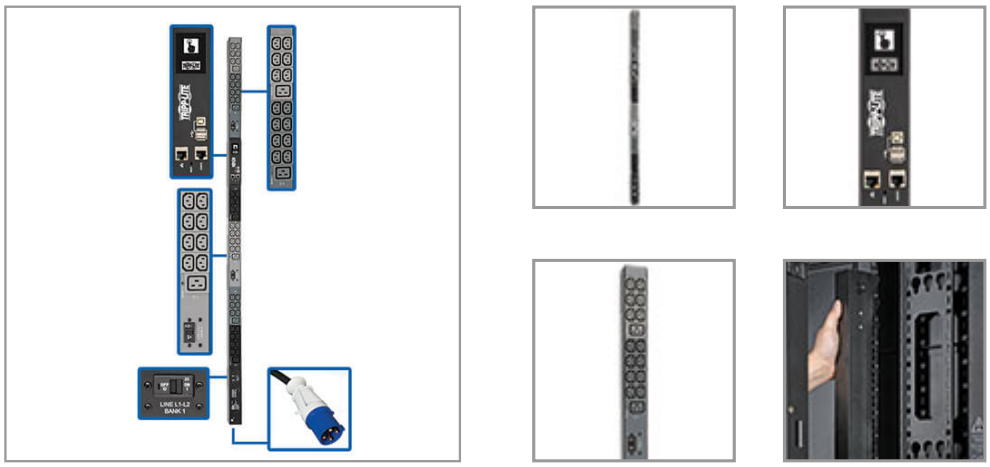
# 14.5kW 200-240V 3PH Monitored PDU - LX Interface, Gigabit, 48 Outlets, IEC 309 60A Blue Input, LCD, 3 m Cord, 0U 1.8 m Height, TAA

MODEL NUMBER: **PDU3EVN10G60B**



14.5kW 3-phase PDU with multifunction touchscreen LCD distributes and monitors AC power in an IT environment. Built-in Java-free network interface remotely monitors load levels to prevent overloads that cause downtime.

## Highlights

- 14.5kW 200-240V 3-phase Gigabit Ethernet-capable 0U monitored PDU
- 48 outlets—42 C13, 6 C19—with plug-lock inserts
- Pre-installed WEBCARDLX with latest version of PADM20 for enhanced remote management
- IEC 309 60A Blue (3P+E) input with 3 m power cord
- Touchscreen LCD with mobile access option via QR code

## Package Includes

- PDU3EVN10G60B 14.5kW 3-Phase Monitored PDU
- Built-in LX Platform interface
- Configuration cable
- (48) Plug-lock insert sleeves
- Rack-mounting hardware
- PDUMVROTATEBRKT mounting bracket accessory
- Owner's manual

## Description

The PDU3EVN10G60B 14.5kW 3-Phase Monitored PDU provides real-time remote monitoring of voltage, frequency and load levels via built-in network connection. These advanced remote capabilities can save you money and reduce downtime.

Recommended for your IT or industrial application, the monitored PDU features 48 outlets—42 C13, 6 C19—with included plug-lock insert sleeves to prevent cables from becoming accidentally disconnected. A 10-ft. (3.05 m) cord with IEC 309 60A Blue (3P+E) input plug connects the 3-phase PDU to a compatible AC power 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 and NTP.

A color touchscreen LCD lets you toggle between menus to 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.

## Features

**Distributes and Monitors Network-Grade AC Power**14.5kW 200-240V monitored PDU with 3-phase inputIEC 309 60A Blue (3P+E) plug with 10-ft. (3.05 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

**Pre-Installed GbE-Capable Network Interface Offers 24/7 Remote Access for Monitoring and Control**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.

**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**This PDU3EVN10G60B rack PDU (rPDU) 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 | 037332209351 |
| PDU Type | Monitored |
| **INPUT** | |
| Input Phase | 3-Phase |
| PDU Input Voltage | 200; 208; 220; 230; 240 |
| Recommended Electrical Service | Three-phase 60A 200-240V service |
| Maximum Input Amps | 35 |
| Maximum Input Amps Details | Agency de-rated to 35A continuous |
| PDU Plug Type | IEC-60309 60A BLUE (3P+E) |
| Input Cord Length (ft.) | 10 |
| Input Cord Length (m) | 3.05 |
| **OUTPUT** | |
| Output Capacity Details | 14.5kW (240V), 13.9kW (230V), 13.3kW (220V), 12.6kW (208V), 12.1kW (200V) total capacity; 20A max per breakered outlet bank; 16A max per C19 outlet; 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, 1 per outlet bank |
| **USER INTERFACE, ALERTS & CONTROLS** | |
| Reported Load Segments | Reports input current per phase (L1, L2, L3) and output current for each breakered load bank (20A 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 |
| Rack Height | 0U |
| 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 75.40 |
| Shipping Dimensions (hwd / cm) | 16.00 x 24.64 x 191.52 |
| Shipping Weight (lbs.) | 28.30 |
| Shipping Weight (kg) | 12.84 |
| Unit Dimensions (hwd / in.) | 70.000 x 2.170 x 2.520 |
| Unit Dimensions (hwd / cm) | 177.8 x 5.5 x 6.3 |
| Unit Weight (lbs.) | 18.66 |
| Unit Weight (kg) | 8.46 |
| **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 | 0-10000 ft. (0-3000 m) |
| **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 |

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|---|---|
| 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 |

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