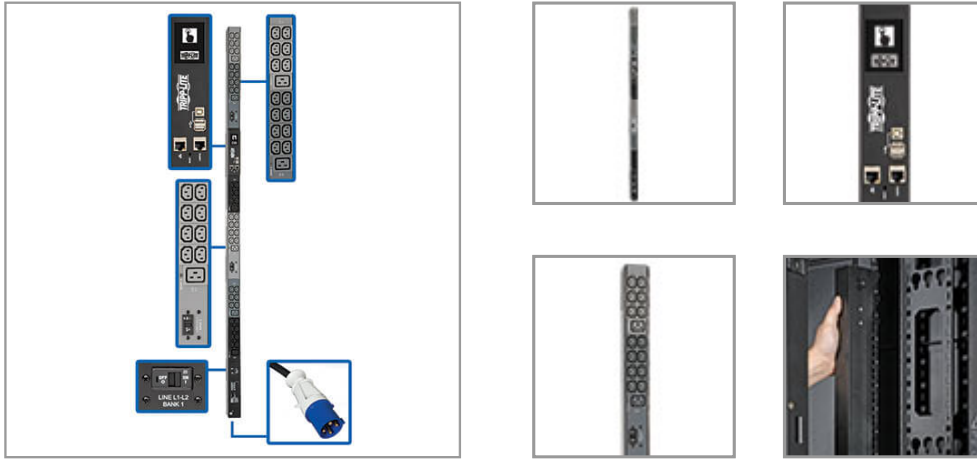


# 10kW 200/208/240V 3PH Monitored PDU - LX Interface, Gigabit, 48 Outlets, IEC 309 30A Blue Input, LCD, 3 m Cord, 0U 1.8 m Height, TAA

MODEL NUMBER: PDU3EVN10G30B



10kW 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.

## Description

The PDU3EVN10G30B 10kW 3-Phase Monitored PDU provides real-time remote monitoring of voltage, frequency and load levels via built-in network interface. 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-foot cord with IEC 309 30A 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 monitor input current level per phase and output current per load bank with  $\pm 1\%$  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

## Highlights

- 10kW 200/208/240V 3-phase Gigabit Ethernet-capable 0U monitored PDU
- 48 outlets—42 C13, 6 C19—with plug-lock inserts
- Built-in LX Interface for remote access 24/7
- IEC 309 30A Blue (3P+E) input with 10 ft. AC power cord
- Touchscreen LCD with mobile access option via QR code

## Package Includes

- PDU3EVN10G30B 10kW 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



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- 10kW 200/208/240V monitored PDU with 3-phase input
- IEC 309 30A Blue (3P+E) plug with 10 ft. cord connects to compatible AC power source
- Firmware upgrades support future product enhancements

#### 48 Outlets Distribute AC Power

- 42 C13 and 6 C19 split into 3 separately breakered load banks
- Plug-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  $\pm 1\%$  billing-grade accuracy
- Generates unique QR code for read-only access to PowerAlert® Device Manager via mobile device
- Full access available by logging into PowerAlert Device Manager via browser as user with read/write credentials

#### Built-In GbE-Capable LX Interface

- Allows full remote access for power monitoring with email notifications via secure web browser, SNMP, telnet or SSH
- Supports 10/100 Mbps auto-sensing for communication with an Ethernet network
- Optional EnviroSense2 modules (sold separately) provide a variety of environmental monitoring capabilities
- No Java required

#### Broad Communications Compatibility

- Supports IPv4, IPv6, HTTP, HTTPS, SMTP, SNMPv1, SNMPv2, SNMPv3, telnet, SSH, FTP, DHCP and NTP
- Supports 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 brackets
- Included 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	037332209337
PDU Type	Monitored
INPUT	
Input Phase	3-Phase
Recommended Electrical Service	30A 208/240V with IEC309 60A Blue (3P+E) outlet
Maximum Input Amps	24



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Maximum Input Amps Details	Agency de-rated to 24A continuous
PDU Plug Type	IEC-309 30A BLUE (3P+E)
Input Cord Length (ft.)	10
Input Cord Length (m)	3.05
<b>OUTPUT</b>	
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; 208; 240
Overload Protection	3 20A circuit breakers, 1 per outlet bank
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
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%
<b>SURGE / NOISE SUPPRESSION</b>	
Automatic Shut-Off	No
<b>PHYSICAL</b>	
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.)	6.89 x 9.65 x 75.87
Shipping Dimensions (hwd / cm)	17.50 x 24.51 x 192.71
Shipping Weight (lbs.)	19.96
Shipping Weight (kg)	9.05
Unit Dimensions (hwd / in.)	70.000 x 2.170 x 2.860
Unit Dimensions (hwd / cm)	177.8 x 5.5 x 7.26



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Unit Weight (lbs.)	12.85
Unit Weight (kg)	5.83
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	0C ~ 50C (32F ~ 122F)
Storage Temperature Range	-30°C to +60°C (-22°F to +140°F)
Relative Humidity	5-95% non condensing
Operating Elevation	0-10,000
<b>COMMUNICATIONS</b>	
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)
Network Compatibility	10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit)
<b>WARRANTY &amp; SUPPORT</b>	
Product Warranty Period (Worldwide)	2-year limited warranty

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