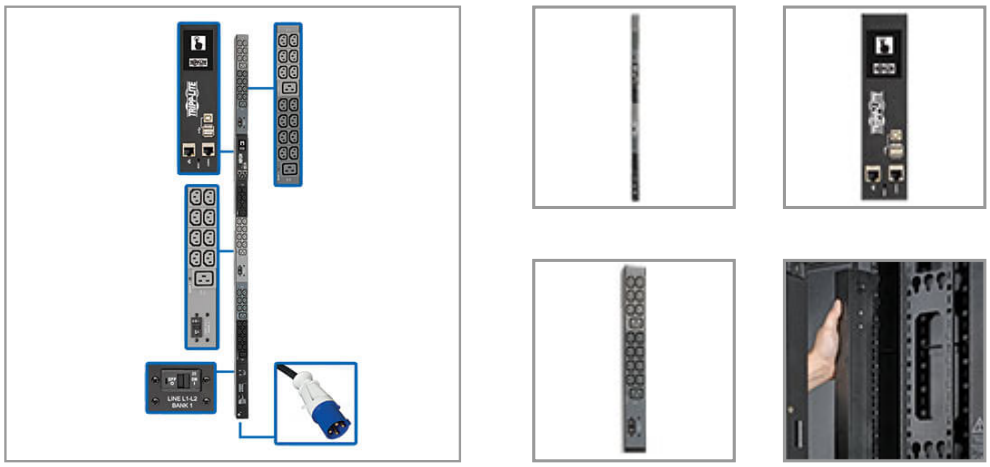
10kW 200-240V 3PH Monitored PDU - LX Interface, Gigabit, 48 Outlets, IEC-309 30A Blue Input, LCD, 1.8 m Cord, 0U 1.8 m Height, TAA

MODEL NUMBER: **PDU3EVN6G30B**



10kW 3-phase PDU with multifunction touchscreen LCD distributes and monitors AC power in an IT or industrial environment. Built-in network interface remotely monitors load levels to prevent overloads that cause downtime.

Highlights

- 10kW 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 30A Blue (3P+E) input with 1.8 m power cord
- Touchscreen LCD with mobile access option via QR code

Package Includes

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

Description

The PDU3EVN6G30B 10kW 3-Phase Monitored PDU provides real-time remote monitoring of voltage, frequency and load levels via built-in network interface. Recommended for IT and industrial applications, it features 48 outlets—42 C13, 6 C19—with included plug-lock insert sleeves to prevent cables from becoming accidentally disconnected. A 6-ft. (1.83 m) 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 ±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 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.

Features

Distributes and Monitors Network-Grade AC Power10kW 200-240V monitored PDU with 3-phase inputIEC 309 30A Blue (3P+E) plug with 6-ft. (1.83 m) cord connects to compatible AC power sourceFirmware upgrades support future product enhancements

48 Outlets Distribute AC Power42 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

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 This PDU3EVN6G30B 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	037332195371
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	IEC-60309 30A BLUE (3P+E)
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, 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.)	6.89 x 9.65 x 75.87
Shipping Dimensions (hwd / cm)	17.50 x 24.51 x 192.71
Shipping Weight (lbs.)	21.96
Shipping Weight (kg)	9.96
Unit Dimensions (hwd / in.)	70.000 x 2.170 x 2.860
Unit Dimensions (hwd / cm)	177.8 x 5.5 x 7.26
Unit Weight (lbs.)	15.19
Unit Weight (kg)	6.89
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

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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