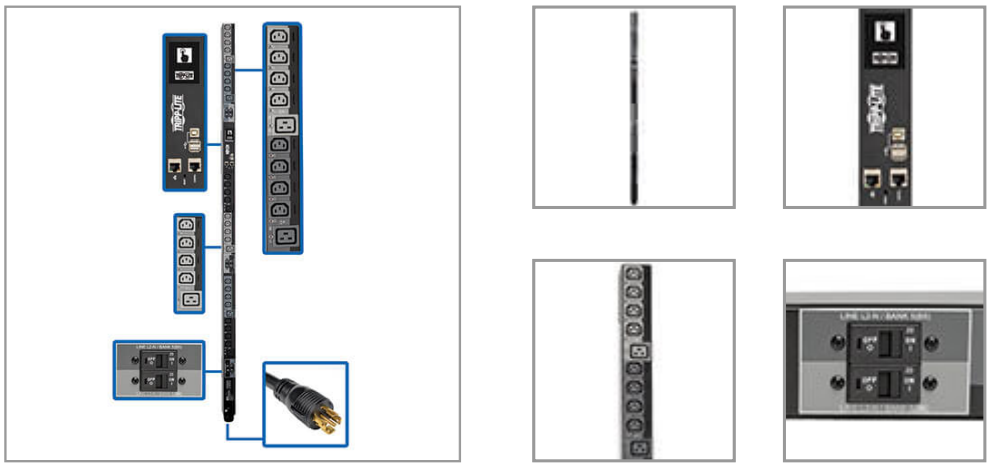
# 17.3kW 220-240V 3PH Switched PDU - LX Interface, Gigabit, 30 Outlets, L22-30P 380-415V Input, LCD, 1.8 m Cord, 0U 1.8 m Height, TAA

MODEL NUMBER: **PDU3XEVSR6L230B**



17.3kW 3-phase PDU with multi-function touchscreen LCD distributes, monitors and manages AC power. Built-in Java-free network interface helps you remotely monitor load levels to prevent overloads that cause downtime.

## Description

The PDU3XEVSR6L230B 17.3kW 3-Phase Switched Power Distribution Unit 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 0U PDU features 30 switched 220-240V outlets (24 C13 and 6 C19) with included plug-lock insert sleeves to prevent cables from becoming accidentally disconnected. A 1.8-meter (six-foot) cord with NEMA L22-30P 380-415V plug connects the 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, output current per load bank and per outlet with ±1% billing-grade accuracy, environmental sensor data and network information. It also generates a unique QR code to allow access to the switchable PDU through a mobile device.

## Features

**Distributes, Monitors and Manages Network-Grade AC Power**17.3kW 380-415V input / 220-240V switched PDU with 3-phase inputRecommended for network applications requiring individual outlet control, load shedding and remote monitoring of critical network componentsNEMA L22-30P 380-415V plug with 1.8m (6 ft.) cord connects to compatible AC power sourceFirmware upgrades support future product enhancements

**30 Switched 220-240V Outlets Distribute AC Power**24 C13 and 6 C19 outlets split into 6 separately breakered load banksIndividual outlets can be remotely controlled to power up, power down, reboot or lock out devicesPlug-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 and per outlet with ±1% billing-grade accuracyGenerates unique QR code for

## Highlights

- 17.3kW 220-240V 3-phase switched 1.8m 0U PDU
- 30 individually controllable outlets—24 C13, 6 C19
- Pre-installed GbE-capable WEBCARDLX with latest version of PADM20 for IP-based Auto Probe feature
- NEMA L22-30P 380-415V PDU input with 1.8 m power cord
- Touchscreen LCD with mobile access option via QR code

## Applications

- Power mission-critical rack equipment in a data center, computer room or high-density network closet
- Monitor power loads from various computers, switches, servers and other networking equipment
- Maintain a computer network in a government, commercial or industrial facility
- Manage multiple rack devices by rebooting or shutting down individual outlets as needed

## Package Includes

- PDU3XEVSR6L230B 17.3kW 3-Phase Switched PDU
- Built-in LX Platform interface
- Configuration cable
- (30) Plug-lock insert sleeves
- Rack-mounting hardware
- PDUMVROTATEBRKT mounting bracket accessory
- Owner’s manual

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 configurationsIP-based Auto Probe detects lost connectivity and restores service autonomously

**Essential Safety Features**Tiered access allows administrator and guest to log in via web browserImmediate alert notifications via email or SNMP trapsSupports user-specified alarm notification thresholdsReal-time clock backup maintains day/date even if PDU is unpowered

**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 | 037332195463 |
| PDU Type | Switched |
| **INPUT** | |
| Input Phase | 3-Phase |
| PDU Input Voltage | 380; 400; 415 |
| Recommended Electrical Service | Three-phase 30A 380-415V service |
| Maximum Input Amps | 24 |
| Maximum Input Amps Details | Agency de-rated to 24A continuous |
| PDU Plug Type | NEMA L22-30P |
| Input Cord Length (ft.) | 6 |
| Input Cord Length (m) | 1.83 |
| **OUTPUT** | |
| Output Capacity Details | 17.3kW (415/240V), 16.6kW (400/230V), 15.8kW (380/220V) total capacity; 24A max per output phase (L1, L2, L3); 20A max per breakered outlet bank; 16A max per C19 outlet; 12A max per C13 outlet |
| Frequency Compatibility | 50 / 60 Hz |
| Output Receptacles | (24) C13; (6) C19 |
| Output Nominal Voltage | 220-240V |
| Overload Protection | Six 20A breakers protect 4 C13 and 1 C19 outlet each |
| Customized Load Management Receptacles | Each outlet is individually controllable via remote interface |
| **USER INTERFACE, ALERTS & CONTROLS** | |

| | |
|---|---|
| Reported Load Segments | Reports input current per phase (L1, L2, L3), plus output current for each output load bank (B1-B6) and individual output receptacle (1-30); Outlets are color-coded and labeled for phase and load bank identification; L1-N feeds black outlets (B1, B4); L2-N feeds dark-gray outlets (B2, B5); L3-N feeds light-gray outlets (B3, B6) |
| 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), OUTLET DATA (Amperage, Wattage per outlet), 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) |
| Front Panel LEDs | One LED for each output receptacle offers power availability information: GREEN (Power ON, load bank capacity <80%), YELLOW (Power ON, load bank capacity >80%), RED (Power OFF/undervoltage), RED FLASHING (Power OFF/breaker trip), LED OFF (Power OFF). Network Activity (Green): Flashes for network activity. Link/Network Speed (Yellow): On steady for any speed. |
| Switches | LX Platform Interface: Recessed reset switch for interface reboot and factory reset |
| 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.) | 6.89 x 9.65 x 75.87 |
| Shipping Dimensions (hwd / cm) | 17.50 x 24.51 x 192.71 |
| Shipping Weight (lbs.) | 24.54 |
| Shipping Weight (kg) | 11.13 |
| Unit Dimensions (hwd / in.) | 70.000 x 2.170 x 2.520 |
| Unit Dimensions (hwd / cm) | 177.8 x 5.51 x 6.4 |
| Unit Weight (lbs.) | 17.3 |
| Unit Weight (kg) | 7.85 |
| **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 | 0-10,000 |
| **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 | SNMP V1, V2c, V3 |
| Network Compatibility | 10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit) |
| Communications Interface | Pre-installed network card; RS-232; USB |
| **FEATURES & SPECIFICATIONS** | |
| High Availability PDU Features | Auto Probe Monitoring and Reboot (included); Auto Load Shedding |
| **STANDARDS & COMPLIANCE** | |
| Product Certifications | CAN/CSA-C22.2 No. 60950-1 (Canada); IEC 60950-1; NOM (Mexico); UL 60950-1 |
| Product Compliance | RoHS; FCC Part 15 Class A (USA); UKCA; Trade Agreements Act (TAA) |
| **WARRANTY & SUPPORT** | |
| Product Warranty Period (Worldwide) | 2-year limited warranty |

1000 Eaton Boulevard
Cleveland, OH 44122
United States
https://tripplite.eaton.com

© 2025 Eaton. All Rights Reserved.
Eaton is a registered trademark. All other trademarks
are the property of their respective owners.