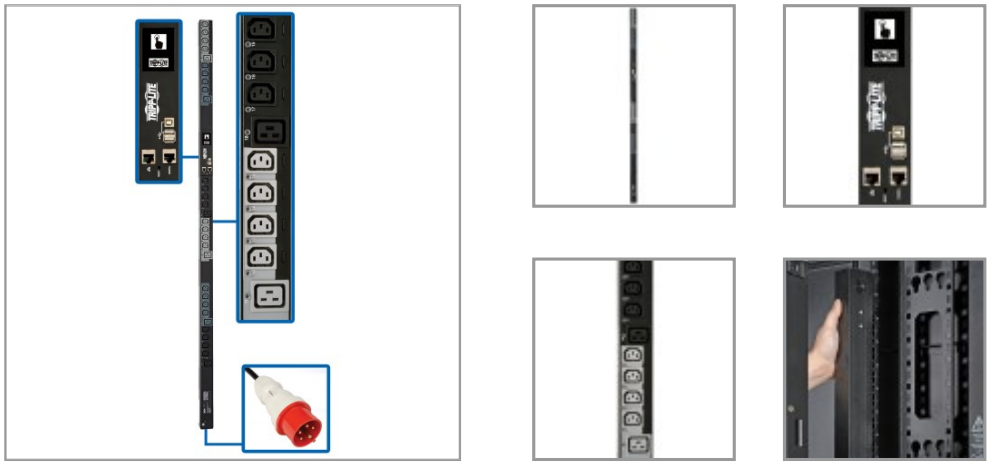
# 11.5kW 208-240V 3PH Switched PDU - LX Interface, Gigabit, 30 Outlets, IEC 309 16/20A Red 360-415V Input, Outlet Monitoring, LCD, 1.8 m Cord, 0U 1.8 m Height, TAA

MODEL NUMBER: **PDU3XEVSR6G20**



3-phase switched PDU distributes, monitors and manages power in a medium/large data center or network installation.

## Features

**3-Phase PDU Distributes, Monitors and Manages Network-Grade Power**Recommended for data centers, server rooms and high-density network closets, this switched PDU provides advanced network control and remote power monitoring with the ability to turn on, turn off, reboot or lock out power to each outlet. You can more efficiently manage network power consumption and remotely reboot locked network items without having to visit the site. Reducing the number of on-site visits can help lower the cost of data center maintenance, thus lowering the 0U PDU's total cost of ownership.

**30 Outlets Dispense AC Power to Connected Equipment**During normal operation, 30 individually controllable outlets—24 C13 and six C19—in three load banks distribute AC power to rack equipment. Each 208-240V outlet is accompanied by an LED that illuminates when the outlet is ramped up and ready to be used. The outlets and banks can be individually monitored to ensure proper load balance and prevent downtime. Plug-lock insert sleeves are included to prevent connected cables from becoming accidentally dislodged.

**Built-In GbE-Capable Network Management Card Allows Remote Access 24/7**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. PADM20's Auto Probe feature allows a PDU with switched loads to automatically reboot devices if a network communication failure is detected. This preserves uptime and minimizes the time and expense associated with on-site support.

**Color Touchscreen LCD Offers Important Data at a Glance**An easy-to-navigate color touchscreen LCD reports network data, input current level per phase, and output current per load bank and per outlet with ±1% billing-grade accuracy. It also generates a unique QR code to allow read-only access to the 3-phase PDU via mobile device. If an EnviroSense2 module is connected to the PDU, the LCD also displays its status and environmental data, such as temperature and humidity.

**Easy to Install Vertically in an EIA-Standard 19 in. Rack**The 70-inch 0U rack PDU (rPDU) mounts vertically using the pre-installed toolless mounting buttons or the included brackets. Spare buttons are

## Highlights

- 24 C13 and 6 C19 208-240V outlets distribute AC power to connected equipment
- Pre-installed GbE-capable WEBCARDLX with latest version of PADM20 for IP-based Auto Probe feature
- Remote power monitoring and control reduces on-site visits and maintenance costs
- 1.8 m power cord with IEC 309 16/20A Red (3P+N+E) 3-phase input connects to AC power source
- Color touchscreen LCD provides current levels, environmental data and network info

## 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

- PDU3XEVSR6G20 11.5kW 3-Phase Switched PDU
- Built-in LX Platform interface
- Configuration cable
- (30) Plug-lock insert sleeves
- Rack-mounting hardware
- Spare mounting buttons
- PDUMVROTATEBRKT mounting bracket accessory
- Owner's manual

also included. Use the included PDUMVROTATEBRKT kit to install the PDU with outlets facing the rear for better airflow or equipment access. A 6-ft. (1.83 m) cord with IEC 309 16/20A Red (3P+N+E) 3-phase input connects the switched PDU to a compatible AC power source, generator or protected UPS.

**TAA-Compliant for GSA Schedule Purchases**The PDU3XEVSR6G20 is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

# Specifications

| | |
|---|---|
| **OVERVIEW** | |
| UPC Code | 037332206749 |
| PDU Type | Switched |
| **INPUT** | |
| Input Phase | 3-Phase |
| PDU Input Voltage | 360; 380; 400; 415 |
| Recommended Electrical Service | Three-phase 16A 360-415V service |
| Maximum Input Amps | 16 |
| Maximum Input Amps Details | Agency de-rated to 16A continuous |
| PDU Plug Type | IEC-60309 16/20A RED (3P+N+E) |
| Input Cord Details | 11GA / 4mm2 (SOOW/ H07RN-F); IP44 Splashproof connector |
| Input Cord Length (ft.) | 6 |
| Input Cord Length (m) | 1.83 |
| **OUTPUT** | |
| Output Capacity Details | 11.5kW (415/240V), 11.1kW (400/230V), 10.5kW (380/220V), 10kW (360/208V) total capacity; 16A max per outlet bank (L1-N, L2-N, L3-N); 16A max per C19 outlet; 12A max (10A CE) max per C13 outlet |
| Frequency Compatibility | 50 / 60 Hz |
| Output Receptacles | (24) C13; (6) C19 |
| Output Nominal Voltage | 208-240V |
| Customized Load Management Receptacles | Each outlet is individually controllable via remote interface |
| **USER INTERFACE, ALERTS & CONTROLS** | |
| Reported Load Segments | Supports monitoring of current per input phase (L1, L2, L3), output current per load bank (Banks 1-3) and per output receptacle (1-30); Outlets are color-coded and labeled for phase and load bank identification; L1-N powers black outlets (Bank 1); L2-N powers dark-gray outlets (Bank 2); L3-N powers light-gray outlets (Bank 3) |
| 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) |

| | |
|---|---|
| Front Panel LEDs | One LED for each output receptacle offers power availability information: GREEN (Power ON), YELLOW (Warning condition), RED (Critical condition). 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 |
| 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 Weight (kg) | 9.64 |
| Unit Dimensions (hwd / in.) | 70.000 x 2.170 x 2.860 |
| Unit Dimensions (hwd / cm) | 177,8 x 5,51 x 7,3 |
| Unit Weight (lbs.) | 14.48 |
| Unit Weight (kg) | 6.57 |
| **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 | 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 | EN 60950-1; 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 |

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