

## 6.7kW 3-Phase Switched PDU - LX Platform, 24 C13 & 6 C19 Outlets, L21-20P, 0U, Outlet Monitoring, TAA

MODEL NUMBER: PDU3EVSR6L2120



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 levels and load balancing. Plug-lock insert sleeves are included to prevent connected cables from becoming accidentally dislodged.

**Built-In LX Platform 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 Tripp Lite's 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  $\pm 1\%$  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 PDU mounts vertically using the pre-installed toolless mounting buttons or the included brackets. Spare buttons are also included. Use the included PDMVROTATEBRKT kit to install the PDU with outlets facing the rear for better airflow or equipment access. A 6-ft. (1.83 m) cord with NEMA L21-20P 3-phase input connects the switched PDU to a compatible AC power source, generator or protected UPS.

**TAA-Compliant for GSA Schedule Purchases** The PDU3EVSR6L2120 is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

### Highlights

- 24 C13 and 6 C19 208/240V outlets distribute AC power to connected equipment
- Pre-installed WEBCARDLX with latest version of PADM20 for IP-based Auto Probe feature
- Remote power monitoring and control reduces on-site visits and maintenance costs
- 6-ft. (1.83 m) cord with NEMA L21-20P 3-phase input connects to compatible AC 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

- PDU3EVSR6L2120 6.7kW 3-Phase Switched PDU
- Built-in LX Platform interface
- Configuration cable
- (30) Plug-lock insert sleeves



**2-Year Warranty** The PDU3EVSR6L2120 is backed by a 2-year warranty, ensuring reliability and performance.

- Rack-mounting hardware
- Spare mounting buttons
- PDUMVROTATEBRKT mounting bracket accessory
- Owner's manual

## Specifications

OVERVIEW	
UPC Code	037332206909
PDU Type	Switched
INPUT	
PDU Input Voltage	208; 240
Recommended Electrical Service	20A 208/240V with NEMA L21-20R outlet
Maximum Input Amps	16
PDU Plug Type	NEMA L21-20P
Input Phase	3-Phase
Input Cord Details	12GA (SJT)
Input Cord Length (ft.)	6
Input Cord Length (m)	1.83
OUTPUT	
Output Capacity Details	6.7kW (240V), 5.8kW (208V) total capacity / 9.24A balanced max per outlet bank (L1-L2, L2-L3, L3-L1)
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(24) C13; (6) C19
Output Nominal Voltage	208; 240
Overload Protection	n/a
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-L2 powers black outlets (Bank 1); L2-L3 powers dark-gray outlets (Bank 2); L3-L1 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%
<b>PHYSICAL</b>	
Form Factors Supported	Vertical rackmount installation supported with included mounting brackets; supports toolless mounting in button-mount compatible racks
Material of Construction	Metal
PDU Form Factor	Vertical (0U)
Shipping Dimensions (hwd / in.)	6.20 x 9.60 x 75.80
Shipping Weight (kg)	9.65
Unit Dimension Details	Chassis dimensions shown; See submittal drawing for further detail
Unit Dimensions (hwd / cm)	177.8 x 5.5 x 5.406
Unit Dimensions (hwd / in.)	70 x 2.17 x 2.12
Unit Weight (kg)	6.58
Unit Weight (lbs.)	14.51
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	32 to 122F (0 to 50C)
Storage Temperature Range	-30°C to +60°C (-22°F to +140°F)
Relative Humidity	5 to 95% non-condensing
<b>COMMUNICATIONS</b>	
PowerAlert Software	LX Platform Interface: PowerAlert Device Manager 15 (PADM15)
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 Speed	10/100 Mbps; 1Gbps



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Communications Interface	Pre-installed network card; RS-232; USB
<b>SPECIAL FEATURES</b>	
High Availability PDU Features	Auto Probe Monitoring and Reboot (included)
<b>STANDARDS &amp; COMPLIANCE</b>	
Certifications	Tested to UL60950-1: 2007 R10.14 (USA), CAN/CSA-C22.2 NO. 60950-1-07+A1: 2011+A2: 2014 (Canada), FCC CLASS A PART 15 (Emissions), NOM (Mexico), RoHS compliant, TAA Compliant
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	2-year limited warranty

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