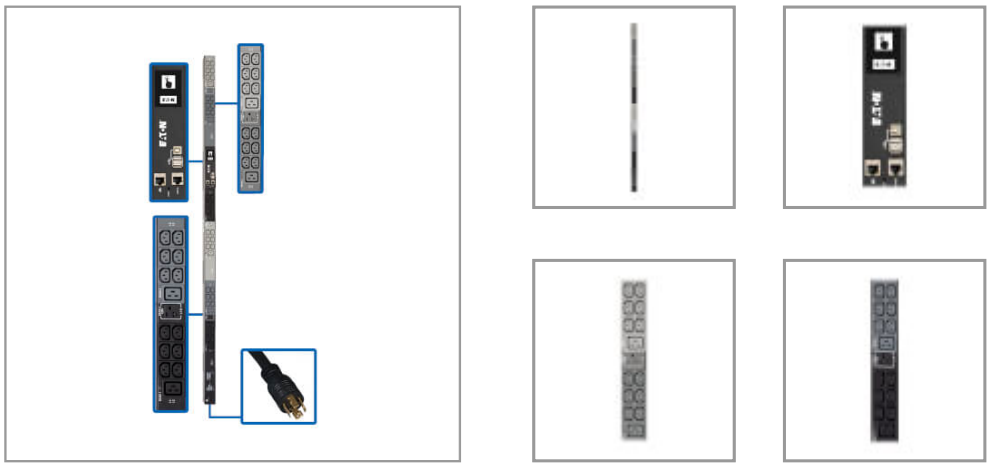
5.8kW 208/120V 3PH Monitored PDU - LX Interface, Gigabit, 45 Outlets, L21-20P Input, LCD, 1.8 m Cord, 0U 1.8 m Height, TAA

MODEL NUMBER: **PDU3EVN6L2120**



5.8kW 3-phase PDU with multifunction touchscreen LCD distributes and monitors AC power in an IT or industrial environment.

Features

3-Phase 0U PDU Distributes and Monitors Network-Grade Power Recommended for data centers, server rooms and network closets, this monitored power distribution unit provides real-time remote monitoring of voltage and load levels via built-in network connection. A 6-ft. (1.83 m) cord with NEMA L21-20P input plug connects the 208V 3-phase PDU to a compatible AC power source, generator or protected UPS. The firmware can be easily upgraded to ensure the vertical PDU continues to perform at its best.

45 Outlets Dispense AC Power to Connected Equipment During normal operation, 36 C13 (208V), six C19 (208V) and three NEMA 5-15/20R (120V) outlets distribute AC power to rack equipment. The outlets are split into six individually monitored load banks—three banks containing two C19 and 12 C13 outlets and three of one 5-15/20R outlet each. Three LEDs monitor load conditions for each bank. Plug-lock insert sleeves for the C13 and C19 outlets 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.

Color Touchscreen LCD Offers Important Data at a Glance An easy-to-navigate color touchscreen LCD reports network data, including IP address, input current level per phase, and output current per load bank with ±1% billing-grade accuracy. It also generates a unique QR code to allow read-only access to the 0U PDU via mobile device. If an EnviroSense2 module is connected to the 3-phase PDU, the LCD also displays status and environmental data, such as temperature and humidity.

Easy to Install Vertically in an EIA-Standard 19 in. Rack The 70-inch (178 cm) 0U rack PDU (rPDU) mounts vertically using the included toolless mounting buttons or the included rack-mounting brackets. Spare buttons are also included. Use the included PDUMVROTATEBRKT kit to install the 208V 3-phase PDU with outlets facing the rear for better airflow or equipment access.

TAA-Compliant for GSA Schedule Purchases The PDU3EVN6L2120 is compliant with the Federal

Highlights

- 208V and 120V outlets distribute AC power to connected rack equipment
- 36 C13, 6 C19 and 3 NEMA 5-15/20R outlets split into 6 individually monitored load banks
- Pre-installed GbE-capable WEBCARDLX with latest version of PADM20 for enhanced remote management
- 1.8 m power cord with NEMA L21-20P input connects to compatible AC source
- Color touchscreen LCD provides vital load and environmental data and network info

Applications

- Power a major data center with hundreds of server racks running mission-critical applications
- Monitor power loads from various computers, switches, servers and other networking equipment
- Distribute power to a computer network in a large commercial or industrial facility

Package Includes

- PDU3EVN6L2120 5.8kW 3-Phase Monitored PDU
- Built-in LX Platform interface
- Configuration cable
- (42) Plug-lock insert sleeves
- Rack-mounting hardware
- Spare mounting buttons
- PDUMVROTATEBRKT mounting bracket accessory
- Owner’s manual

Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

2-Year Warranty The PDU3EVN6L2120 is backed by a 2-year warranty, ensuring reliability and performance.

Specifications

OVERVIEW	
UPC Code	037332206787
PDU Type	Monitored
INPUT	
Input Phase	3-Phase
PDU Input Voltage	208
Recommended Electrical Service	Three-phase 20A 208V service
Maximum Input Amps	16
Maximum Input Amps Details	Agency de-rated to 16A continuous
PDU Plug Type	NEMA L21-20P
Input Cord Length (ft.)	6
Input Cord Length (m)	1.83
OUTPUT	
Output Capacity Details	5.7kW (208/120V) total capacity; 9.2A (208V) max per output phase (L1-L2, L2-L3, L3-L1) / 16A (120V) max per output phase (L1, L2, L3)
Frequency Compatibility	50 / 60 Hz
Output Receptacle Details	5-15/20R outlets provide 120V output; C13 and C19 outlets provide 208V output
Output Receptacles	(3) 5-15/20R; (36) C13; (6) C19
Output Nominal Voltage	208/120V
USER INTERFACE, ALERTS & CONTROLS	
Reported Load Segments	Supports monitoring of input current per phase (L1, L2, L3) and output current for each output load bank (B1-B6); Outlets are color-coded and labeled for phase and load bank identification; L1-L2 feeds black C13/C19 outlets (B1); L2-L3 feeds dark-gray C13/C19 outlets (B2); L3-L1 feeds light-gray C13/C19 outlets (B3); L1-N feeds black 5-20R outlet (B4); L2-N feeds dark-gray 5-20R outlet (B5); L3-N feeds light-gray 5-20R outlet (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), 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.)	7.09 x 9.65 x 75.87
Shipping Weight (kg)	8.05
Unit Dimensions (hwd / in.)	70.000 x 2.170 x 2.520
Unit Dimensions (hwd / cm)	177.8 x 5.5 x 6.45
Unit Weight (lbs.)	13.50
Unit Weight (kg)	6.12
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

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

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