

# 10kW 200-240V 3PH Switched PDU - LX Interface, Gigabit, 30 Outlets, L15-30P Input, LCD, 3 m Cord, 0U 1.8 m Height, TAA

MODEL NUMBER: PDU3EVSR10L1530



10kW L15-30 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 PDU3EVSR10L1530 10kW 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 outlets (24 C13 and 6 C19) with included plug-lock insert sleeves to prevent cables from becoming accidentally disconnected. A 10-ft. (3.05 m) cord with NEMA L15-30P 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  $\pm 1\%$  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** 10kW 200-240V switched rack PDU (rPDU) with 3-phase input Recommended for network applications requiring individual outlet control, load shedding and remote monitoring of critical network components NEMA L15-30P plug with 10-ft. (3.05 m) cord connects to compatible AC power source Firmware upgrades support future product enhancements

**30 Switched Outlets Distribute AC Power** 24 C13 and 6 C19 outlets split into 3 separately breakered load banks Individual outlets can be remotely controlled to power up, power down, reboot or lock out devices Plug-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  $\pm 1\%$  billing-grade accuracy Generates unique QR code for read-only access to PowerAlert® Device Manager via mobile device Full access available by logging into PowerAlert Device Manager via browser as user with read/write credentials

## Highlights

- 10kW 200-240V 3-phase switched 1.8-meter 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 L15-30P PDU input with 3 m power cord
- Touchscreen LCD with mobile access option via QR code

## Package Includes

- PDU3EVSR10L1530 10kW 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



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**Built-In GbE-Capable LX Interface** Pre-installed WEBCARDLX with the latest version of PowerAlert Device Manager firmware (PADM20) provides enhanced remote management capabilities PADM20 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 IP-based Auto Probe detects lost connectivity and restores service autonomously Supports 10/100 Mbps auto-sensing for communication with an Ethernet network Optional EnviroSense2 modules (sold separately) provide a variety of environmental monitoring capabilities No Java required

**Broad Communications Compatibility** Supports IPv4, IPv6, HTTP, HTTPS, SMTP, SNMPv1, SNMPv2, SNMPv3, telnet, SSH, FTP, DHCP and NTP Supports automatic and manual assignment of IP address

**Easy 0U Installation in EIA-Standard 19 in. Racks** Mounts vertically using included toolless buttons or rack-mounting brackets Included 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	037332209467
PDU Type	Switched
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	NEMA L15-30P
Input Cord Length (ft.)	10
Input Cord Length (m)	3.05
OUTPUT	
Output Capacity Details	10kW (240V), 9.6kW (230V), 9.1kW (220V), 8.6kW (208V), 8.3kW (200V) total capacity; 13.9A max per breaker outlet bank; 12A max per C13 outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(24) C13; (6) C19
Output Nominal Voltage	200-240V
Overload Protection	Three 20A circuit breakers, one per output load bank
Customized Load Management Receptacles	Each outlet is individually controllable via remote interface
USER INTERFACE, ALERTS & CONTROLS	



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Reported Load Segments	Reports input current per phase (L1, L2, L3), plus output current for each output load bank (20A balanced max per banks B1-B3) and individual output receptacle (1-30); Outlets are color-coded and labeled for phase and load bank identification; L1-L2 feeds light-gray outlets (B1); L2-L3 feeds black outlets (B2); L3-L1 feeds dark-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), 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%
<b>SURGE / NOISE SUPPRESSION</b>	
Automatic Shut-Off	No
<b>PHYSICAL</b>	
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.)	27.08
Shipping Weight (kg)	12.28
Unit Dimensions (hwd / in.)	70.000 x 2.170 x 2.860
Unit Dimensions (hwd / cm)	177.8 x 5.5 x 7.3
Unit Weight (lbs.)	20
Unit Weight (kg)	9.07
<b>ENVIRONMENTAL</b>	
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)



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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); 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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