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10kW 3-Phase Switched PDU, LX Interface, 200/208/240V Outlets (24 C13/6 C19), LCD, NEMA L15-30P, 3m/10 ft. Cord, 0U 1.8m/70 in. 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.

Highlights

- 10kW 200/208/240V 3-phase switched 1.8-meter 0U PDU
- 30 individually controllable outlets—24 C13, 6 C19
- Built-in LX Platform interface for remote access 24/7
- NEMA L15-30P PDU input with 10 ft. AC 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

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-foot 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 ±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 200/208/240V switched PDU 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. 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 ±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

Built-In LX Platform Interface

- Allows full remote access for power monitoring with email notifications via secure web browser, SNMP, telnet or SSH
- 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

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Specifications

OVERVIEW	
PDU Type	Switched
OUTPUT	
Output Capacity Details	10kW (240V), 9.6kW (230V), 9.1kW (220V), 8.6kW (208V), 8.3kW (200V) total capacity; 13.9A max per breakered outlet bank; 12A max per C13 outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(24) C13; (6) C19
Output Nominal Voltage	200; 208; 240
Overload Protection	3 20A circuit breakers, one per output load bank
Customized Load Management Receptacles	Each outlet is individually controllable
INPUT	
PDU Input Voltage	200; 208; 240
Recommended Electrical Service	30A 208/240V with L15-30R outlet
Maximum Input Amps	24
PDU Plug Type	NEMA L15-30P
Input Cord Length (ft.)	10
Input Cord Length (m)	3.05
Input Phase	3-Phase
USER INTERFACE, ALERTS & CONTROLS	
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)
PHYSICAL	
Shipping Dimensions (hwd / in.)	75.870 x 9.650 x 6.890
Shipping Dimensions (hwd / cm)	192.71 x 24.51 x 17.50

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Shipping Weight (lbs.)	27.0800
Shipping Weight (kg)	12.28
Unit Dimensions (hwd / in.)	70 x 2.17 x 2.86
Unit Dimensions (hwd / cm)	177.8 x 5.5 x 7.3
Unit Weight (lbs.)	20
Unit Weight (kg)	9.07
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	0U; Vertical
ENVIRONMENTAL	
Operating Temperature Range	32 to 122F (0 to 50C)
Storage Temperature Range	5 to 140F (-15 to 60C)
Relative Humidity	5 to 95% non-condensing
Operating Elevation (ft.)	0-10,000
Operating Elevation (m)	0 - 3000 m
COMMUNICATIONS	
SNMP Compatibility	Built-in LX Platform interface provides remote monitoring via secure web browser, SNMP, telnet or SSH
CERTIFICATIONS	
Certifications	Tested to UL60950-1: 2007 R10.14 (USA), CAN/CSA-C22.2 NO. 60650-1-07+A1: 2011+A2: 2014 (Canada), Class A Part 15 (Emissions), NOM (Mexico), RoHS compliant, TAA Compliant
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty

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