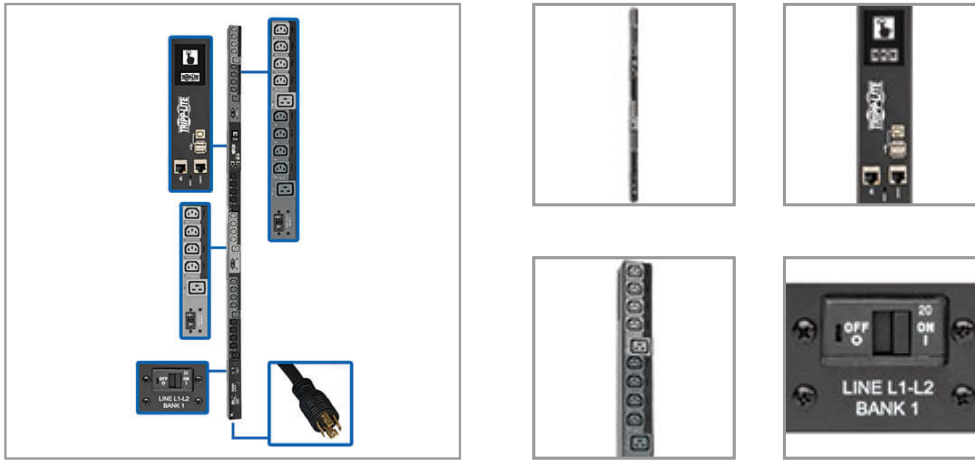


## 10kW 3-Phase Switched PDU, LX Interface, 208/240V Outlets (24 C13/6 C19), LCD, NEMA L15-30P, 3.05 m (10 ft.) Cord, 0U 1.8m/70 in. Height, TAA

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.

### 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

### Highlights

- 10kW 208/240V 3-phase switched 1.8-meter 0U PDU
- 30 individually controllable outlets—24 C13, 6 C19
- Pre-installed WEBCARDLX with latest version of PADM20 for IP-based Auto Probe feature
- NEMA L15-30P PDU input with 10-ft. (3.05 m) 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



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mobile device.

## Features

**Distributes, Monitors and Manages Network-Grade AC Power**10kW 208/240V switched PDU with 3-phase inputRecommended for network applications requiring individual outlet control, load shedding and remote monitoring of critical network componentsNEMA L15-30P plug with 10-ft. (3.05 m) cord connects to compatible AC power sourceFirmware upgrades support future product enhancements

**30 Switched Outlets Distribute AC Power**24 C13 and 6 C19 outlets split into 3 separately breakered load banksIndividual outlets can be remotely controlled to power up, power down, reboot or lock out devicesPlug-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 accuracyGenerates unique QR code for read-only access to PowerAlert® Device Manager via mobile deviceFull access available by logging into PowerAlert Device Manager via browser as user with read/write credentials

**Built-In LX Platform Interface**Pre-installed WEBCARDLX with the latest version of PowerAlert Device Manager firmware (PADM20) provides enhanced remote management capabilitiesPADM20 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 configurationsIP-based Auto Probe detects lost connectivity and restores service autonomouslySupports 10/100 Mbps auto-sensing for communication with an Ethernet networkOptional EnviroSense2 modules (sold separately) provide a variety of environmental monitoring capabilitiesNo Java required

**Broad Communications Compatibility**Supports IPv4, IPv6, HTTP, HTTPS, SMTP, SNMPv1, SNMPv2, SNMPv3, telnet, SSH, FTP, DHCP and NTSPSupports 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 bracketsIncluded 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                          |                                                                                                       |
| PDU Input Voltage              | 208; 240                                                                                              |
| Recommended Electrical Service | 30A 208/240V with L15-30R outlet                                                                      |
| Maximum Input Amps             | 24                                                                                                    |
| PDU Plug Type                  | NEMA L15-30P                                                                                          |
| Input Phase                    | 3-Phase                                                                                               |
| Input Cord Length (ft.)        | 10                                                                                                    |
| Input Cord Length (m)          | 3.05                                                                                                  |
| OUTPUT                         |                                                                                                       |
| Output Capacity Details        | 10kW (240V), 8.6kW (208V) 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         | 208; 240                                                                                              |



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|                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Overload Protection                          | 3 20A circuit breakers, one per output load bank                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Customized Load Management Receptacles       | Each outlet is individually controllable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>USER INTERFACE, ALERTS &amp; CONTROLS</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 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>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 / cm)               | 17.50 x 24.51 x 192.71                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Shipping Dimensions (hwd / in.)              | 6.89 x 9.65 x 75.87                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Shipping Weight (kg)                         | 12.28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Shipping Weight (lbs.)                       | 27.08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Unit Dimensions (hwd / cm)                   | 177.8 x 5.5 x 7.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Unit Dimensions (hwd / in.)                  | 70 x 2.17 x 2.86                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Unit Weight (kg)                             | 9.07                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Unit Weight (lbs.)                           | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |



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| COMMUNICATIONS                      |                                                                                                                                                                                                                                                                            |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PowerAlert Software                 | LX Platform Interface: PowerAlert Device Manager15 (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                                                                                                                                                                                                                                                         |
| Communications Interface            | Pre-installed network card; RS-232; USB                                                                                                                                                                                                                                    |
| SPECIAL FEATURES                    |                                                                                                                                                                                                                                                                            |
| High Availability PDU Features      | Auto Probe Monitoring and Reboot (included)                                                                                                                                                                                                                                |
| STANDARDS & COMPLIANCE              |                                                                                                                                                                                                                                                                            |
| 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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