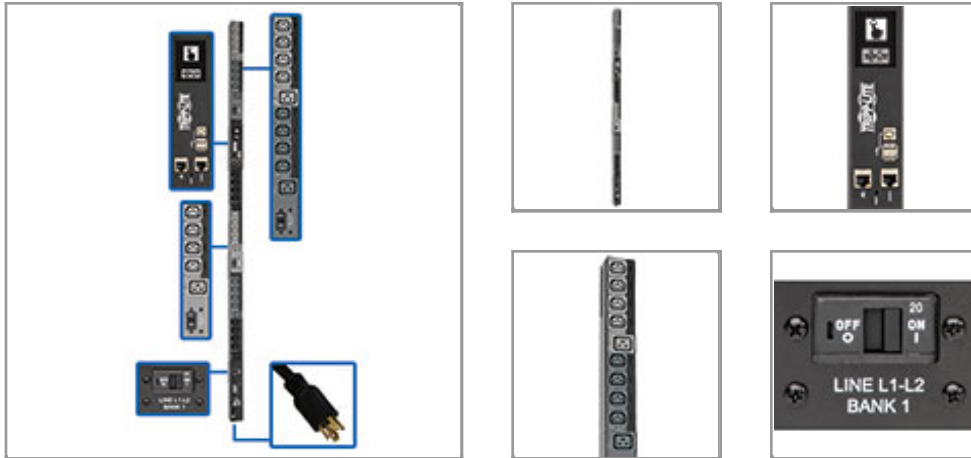


# 10kW 3-Phase Switched PDU, LX Interface, 200/208/240V Outlets (24 C13/6 C19), LCD, NEMA L2130P, 3m/10 ft. Cord, 0U 1.8m/70 in. Height, TAA

MODEL NUMBER: PDU3EVSR10L2130



## Description

The PDU3EVSR10L2130 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 L21-30P 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 200/208/240V switched PDU with 3-phase input
- Recommended for network applications requiring individual outlet control, load shedding and remote monitoring of critical network components
- NEMA L21-30P plug with 10 ft. cord connects to compatible AC power source
- Firmware upgrades support future product enhancements

### 30 Switched Outlets Distribute AC Power

## 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 L21-30P PDU input with 10 ft. AC power cord
- Touchscreen LCD with mobile access option via QR code

## Package Includes

- PDU3EVSR10L2130 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



- 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

#### 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

## 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                                  |                                                                                                                                                 |



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|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PDU Input Voltage                            | 200; 208; 240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Recommended Electrical Service               | 30A 208/240V with L21-30R outlet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Maximum Input Amps                           | 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| PDU Plug Type                                | NEMA L21-30P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Input Cord Length (ft.)                      | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Input Cord Length (m)                        | 3.05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Input Phase                                  | 3-Phase                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <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 labelled 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)                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>PHYSICAL</b>                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Shipping Dimensions (hwd / in.)              | 75.87 x 6.89 x 9.65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Shipping Dimensions (hwd / cm)               | 192.71 x 17.5 x 24.51                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Shipping Weight (lbs.)                       | 27.08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 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.)                           | 20.01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Unit Weight (kg)                             | 9.08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>ENVIRONMENTAL</b>                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |



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|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating Elevation (ft.)           | 0-10,000                                                                                                                                                                  |
| Operating Elevation (m)             | 0 - 3000 m                                                                                                                                                                |
| <b>COMMUNICATIONS</b>               |                                                                                                                                                                           |
| SNMP Compatibility                  | Built-in LX Platform interface provides remote monitoring via secure web browser, SNMP, telnet or SSH                                                                     |
| <b>CERTIFICATIONS</b>               |                                                                                                                                                                           |
| 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 |
| <b>WARRANTY</b>                     |                                                                                                                                                                           |
| Product Warranty Period (Worldwide) | 2-year limited warranty                                                                                                                                                   |

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