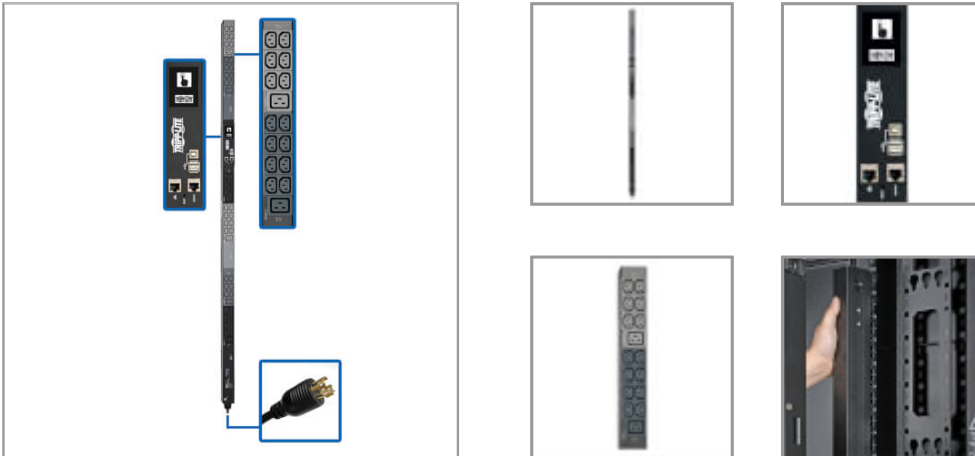# 6.6kW 3-Phase Monitored PDU – LX Platform, 42 C13 & 6 C19 Outlets (208/240V), L15-20P Input, 0U, TAA

MODEL NUMBER: **PDU3EVN6L1520**



3-phase monitored PDU with touchscreen LCD distributes and monitors power in a data center, server room or high-density network closet.

## Features

**6.6kW 3-Phase 0U PDU Distributes and Monitors Network-Grade Power**This monitored PDU provides real-time remote monitoring of voltage and load levels via its built-in network interface. Ideal for data centers, server rooms and high-density network closets, the PDU3EVN6L1520 features 42 C13 and six C19 208/240V outlets in three load banks, which distribute AC power to rack equipment. The banks can be individually monitored to ensure proper load balance and prevent downtime. Plug-lock insert sleeves are included to prevent connected cables from becoming accidentally dislodged.

**Built-In LX Platform Network Management Card Allows Remote Access 24/7**The 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 10/100/1000 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. The monitored PDU can receive IP address assignments via DHCP server (automatic) or static (manual) method.

**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 0U PDU mounts vertically using the included toolless mounting buttons or the included rack-mounting brackets. Spare buttons are also included. A six-foot cord with NEMA L15-20P 208/240V 3-phase input connects the PDU to a compatible AC power source, generator or protected UPS.

**TAA-Compliant for GSA Schedule Purchases**The PDU3EVN6L1520 is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

## Highlights

- 42 C13 and 6 C19 208/240V outlets distribute AC power to connected equipment
- Built-in Java-free HTML5-based LX Platform interface allows you 24/7 remote access
- Installs in 0U of rack space in standard 19 in. racks using included mounting hardware
- 6 ft. cord with NEMA L15-20P 3-phase input connects to AC power source
- Color touchscreen LCD provides current levels, environmental data and network info

## Applications

- Power mission-critical rack equipment in a data center, computer room or high-density network closet in a government, commercial or industrial facility
- Monitor power loads from various computers, switches, servers and other networking equipment

## Package Includes

- PDU3EVN6L1520 6.6kW 3-Phase Monitored PDU
- Built-in LX Platform interface
- Configuration cable
- (48) Plug-lock insert sleeves
- Rack-mounting hardware
- Spare mounting buttons
- Owner's manual

# Specifications

## OVERVIEW

| | |
|---|---|
| UPC Code | 037332213532 |
| PDU Type | Monitored |

## OUTPUT

| | |
|---|---|
| Frequency Compatibility | 50 / 60 Hz |
| Output Capacity Details | 5.8kW (208V), 6.6kW (240V) total capacity; 9.2A balanced max per output load bank (L1-L2, L2-L3, L3-L1) |
| Output Receptacles | (42) C13; (6) C19 |
| Output Nominal Voltage | 208; 240 |
| Overload Protection | n/a |

## INPUT

| | |
|---|---|
| PDU Input Voltage | 208; 240 |
| Recommended Electrical Service | 20A 208/240V with NEMA L15-20R outlet |
| Maximum Input Amps | 16 |
| PDU Plug Type | NEMA L15-20P |
| Input Phase | 3-Phase |
| Input Cord Details | 12GA (SJT) |
| Input Cord Length (ft.) | 6 |
| Input Cord Length (m) | 1.83 |

## USER INTERFACE, ALERTS & CONTROLS

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|---|---|
| Reported Load Segments | Supports monitoring of current per input phase (L1, L2, L3) and output current per load bank (Banks 1-3); Outlets are color-coded and labeled for phase and load bank identification; L1-L2 powers light gray outlets (Bank 1); L2-L3 powers black outlets (Bank 2); L3-L1 powers dark-gray outlets (Bank 3) |
| 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) |
| Front Panel LEDs | One LED per output load bank (Bank 1, Bank 2, Bank 3); GREEN (Power On), YELLOW (Warning condition), Red (Critical warning condition) |

## PHYSICAL

| | |
|---|---|
| Form Factors Supported | Vertical rackmount installation supported with included mounting brackets; supports tooless mounting in button-mount compatible racks |
| Material of Construction | Sheet Metal |
| PDU Form Factor | Vertical (0U) |
| Shipping Dimensions (hwd / in.) | 6.89 x 9.65 x 75.87 |
| Shipping Weight (kg) | 9.05 |

| Unit Dimensions (hwd / cm) | 177.8 x 5.51 x 6.4 |
|---|---|
| Unit Dimensions (hwd / in.) | 70 x 2.17 x 2.52 |
| Unit Weight (kg) | 5.83 |
| Unit Weight (lbs.) | 12.85 |
| **ENVIRONMENTAL** | |
| Operating Temperature Range | 32 to 122F (0-50C) |
| Storage Temperature Range | -30°C to +60°C (-22°F to +140°F) |
| Relative Humidity | 5 to 95% non-condensing |
| Operating Elevation (ft.) | 0-10,000 |
| Operating Elevation (m) | 0-3000 |
| **COMMUNICATIONS** | |
| SNMP Compatibility | Pre-installed LX platform interface provides remote monitoring and control via Java-free HTML5 web interface, telnet, SSH and SNMP management systems |
| **CERTIFICATIONS** | |
| Certifications | Tested to UL60950-1: 2007 R10.14 (USA), CAN/CSA-C22.2 NO. 60950-1-07+A1: 2011+A2: 2014 (Canada), NOM (Mexico), FCC CLASS A PART 15 (Emissions), ROHS, TAA |
| **WARRANTY** | |
| Product Warranty Period (Worldwide) | 2-year limited warranty |