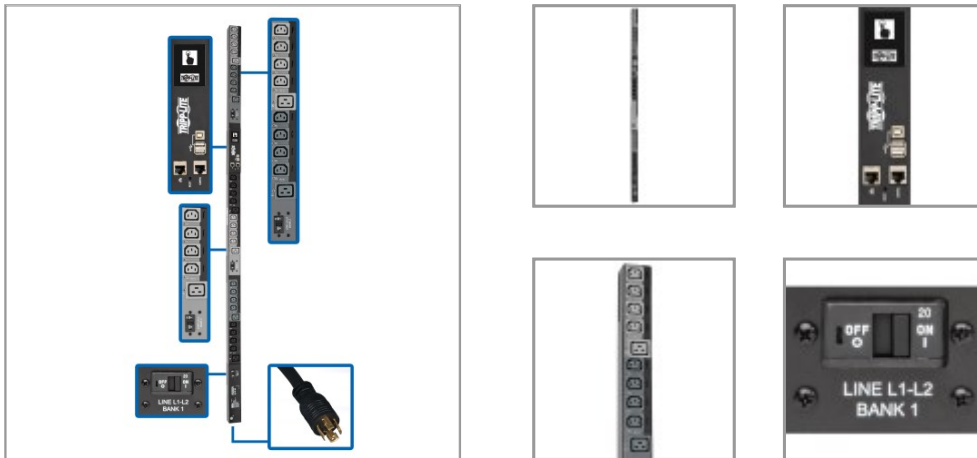


## 14.5kW 3-Phase Monitored Per-Outlet PDU - LX Platform, 24 C13 & 6 C19 Outlets (208/240V), 50A CS8365C, 0U, TAA

MODEL NUMBER: PDU3EVNR6H50



3-phase PDU allows real-time remote monitoring of individual outlets to help you track power consumption trends and detect problems early.

### Features

#### 14.5kW 3-Phase 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 your data center, computer room or high-density network closet, the PDU3EVNR6H50 features 24 C13 and six C19 208/240V outlets in three breaker'd load banks, which distribute AC power to rack equipment. Plug-lock insert sleeves are included to prevent equipment cables from becoming accidentally dislodged.

#### Monitored Per-Outlet PDU Lets You Keep Track of Power Consumption in Real Time

Not only can you remotely monitor voltage and frequency, but the PDU3EVNR6H50 also allows metering of per-phase input current, as well as output current per bank and per outlet. Banks can be individually monitored to ensure proper load balance and prevent downtime. Monitoring each outlet allows you to study power consumption trends for each connected device. This helps you detect hardware problems and network traffic bottlenecks, as well as compare power usage among various devices.

#### 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. Full 10/100/1000 Mbps auto-sensing enables optimal communication with an Ethernet network. Optional EnviroSense2 modules (sold separately) provide a variety of environmental monitoring capabilities. Protocols supported include HTTP, HTTPS, SMTP, SNMPv1, SNMPv2, SNMPv3, FTP, DHCP and NTP.

#### Color Touchscreen LCD Gives You 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 and per outlet with  $\pm 1\%$  billing-grade accuracy. It also generates a unique QR code to allow read-only access to the PDU via PowerAlert® Device Manager. If an EnviroSense2 module is connected, the LCD also displays status and environmental data, including 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. Use the included PDUMVROTATEBRKT kit to install the PDU with outlets facing the rear for better airflow or equipment access. A six-foot cord with a Hubbell 50A CS8365C input connects the PDU to a compatible AC power source, generator or protected UPS.

### Highlights

- Advanced remote capabilities include outlet-level current monitoring in real time
- 24 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
- Color touchscreen LCD provides current levels, environmental data and network info
- Installs in 0U of rack space in standard 19 in. racks using included mounting hardware

### 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
- Study power consumption trends over time for equipment connected to each individual outlet

### Package Includes

- PDU3EVNR6H50 14.5kW 3-Phase Monitored Per-Outlet PDU
- Built-in LX Platform interface
- Configuration cable
- (30) Plug-lock insert sleeves



**TAA-Compliant for GSA Schedule Purchases**

The PDU3EVNR6H50 is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

- Rack-mounting hardware
- Spare mounting buttons
- PDUMVROTATEBRKT  
mounting bracket accessory
- Owner's manual

## Specifications

OVERVIEW	
UPC Code	037332242235
PDU Type	Monitored
INPUT	
PDU Input Voltage	208; 240
Recommended Electrical Service	50A 208/240V Dedicated Circuit with Hubbell CS8365C compatible outlet
Maximum Input Amps	35
PDU Plug Type	(1) HUBBELL CS8365C 50A
Input Phase	3-Phase
Input Cord Length (ft.)	6
Input Cord Length (m)	1.83
OUTPUT	
Output Capacity Details	14.5kW (240V), 12.6kW (208V) total capacity; 20A max per breaker outlet bank; 16A max per C19 outlet; 12A max per C13 outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(24) C13; (6) C19
Output Nominal Voltage	208; 240
Overload Protection	3 20A circuit breakers, one per output load bank
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 (Undervoltage), RED FLASHING (Power OFF/breaker trip), LED OFF (Power OFF); Network Interface LEDs report 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	Sheet metal
PDU Form Factor	Vertical (0U)
Shipping Dimensions (hwd / in.)	6.89 x 9.65 x 75.87
Shipping Weight (kg)	12.28
Unit Dimensions (hwd / cm)	177.8 x 5.51 x 7.26
Unit Dimensions (hwd / in.)	70 x 2.17 x 2.86
Unit Weight (kg)	9.08
Unit Weight (lbs.)	20.01
<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
<b>COMMUNICATIONS</b>	
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
<b>SPECIAL FEATURES</b>	
High Availability PDU Features	Auto Probe Monitoring (included)



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<b>STANDARDS &amp; COMPLIANCE</b>	
Certifications	Tested to UL60950-1: 2007 2nd Edition (USA), CAN/CSA-C22.2 No. 60650-1:2007 2nd Edition (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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