17.3kW 3-Phase Switched PDU, LX Platform Interface, 240V Outlets (24 C13/6 C19), Touchscreen LCD, NEMA L22-30P 415V, 0U, TAA

MODEL NUMBER: PDU3XEVS6L230B

17.3kW 3-phase 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 PDU3XEVS6L230B 17.3kW 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 240V outlets (24 C13 and 6 C19) with included plug-lock insert sleeves to prevent cables from becoming accidentally disconnected. A 1.8-meter (six-foot) cord with NEMA L22-30P 415V 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, SNMP, 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.

Highlights

- 17.3kW 240V 3-phase switched 1.8m 0U PDU
- 30 individually controllable outlets—24 C13, 6 C19
- Built-in LX Platform interface for remote access 24/7
- NEMA L22-30P 415V PDU input with 1.8m AC power cord
- Touchscreen LCD with mobile access option via QR code
- To enable the Auto Probe feature, this product requires LX firmware update 15.5.2 or later to be installed

Package Includes

- PDU3XEVS6L230B 17.3kW 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
Features

Distributes, Monitors and Manages Network-Grade AC Power

Recommended for network applications requiring individual outlet control, load shedding and remote monitoring of critical network components. NEMA L22-30P 415V plug with 1.8m (6 ft.) cord connects to compatible AC power source. Firmware upgrades support future product enhancements.

30 Switched 240V Outlets Distribute AC Power

24 C13 and 6 C19 outlets split into 6 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, SNMPv2c, SNMPv3, Telnet, SSH, CLI, FTP, DHCP and NTP. Supports automatic and manual assignment of IP address.

Reduce Service Calls with Auto Probe Autonomous Device Management

The Auto Probe feature (Firmware 15.5.2 and greater) checks the connectivity status of any networked device and automatically takes one or more user-configured actions if the device fails to respond; actions include outlet reboot, set SNMP traps, SNMP OID sets, and even script execution when used in conjunction with the Tripp Lite PowerAlert Network Shutdown Agent (PANSA).

Essential Safety Features

Tiered access allows administrator and guest to log in via web browser. Immediate alert notifications via email or SNMP traps. Supports user-specified alarm notification thresholds. Real-time clock backup maintains day/date even if PDU is unpowered.

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

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<td>PDU Type</td>
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<table>
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<tr>
<th>INPUT</th>
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<tbody>
<tr>
<td>PDU Input Voltage</td>
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<tr>
<td>Recommended Electrical Service</td>
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<tr>
<td>Maximum Input Amps</td>
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<tr>
<td>PDU Plug Type</td>
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<td>Input Phase</td>
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<td>Input Cord Length (ft.)</td>
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<tr>
<td>Input Cord Length (m)</td>
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<tr>
<th>OUTPUT</th>
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<tbody>
<tr>
<td>Output Capacity Details</td>
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<tr>
<td>Frequency Compatibility</td>
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</table>
### Output Receptacles
(24) C13; (6) C19

### Output Nominal Voltage
240 (415V input)

### Overload Protection
6 20A breakers protect 4 C13 and 1 C19 outlet each

## USER INTERFACE, ALERTS & CONTROLS

### Reported Load Segments
Reports input current per phase (L1, L2, L3), plus output current for each output load bank (B1-B6) and individual output receptacle (1-30); Outlets are color-coded and labeled for phase and load bank identification; L1-N feeds black outlets (B1, B4); L2-N feeds dark-gray outlets (B2, B5); L3-N feeds light-gray outlets (B3, B6)

### 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%

## PHYSICAL

### 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)
11.13

### Shipping Weight (lbs.)
24.54

### 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)
7.85

### Unit Weight (lbs.)
17.3

## ENVIRONMENTAL

### Operating Temperature Range
32 to 122F (0C to 50C)

### Storage Temperature Range
-30°C to +60°C (-22°F to +140°F)
<table>
<thead>
<tr>
<th>Relative Humidity</th>
<th>5% to 95% non-condensing</th>
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**COMMUNICATIONS**

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<th>PowerAlert Software</th>
<th>LX Platform Interface: PowerAlert Device Manager15 (PADM15)</th>
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<tr>
<td>Communications Cable</td>
<td>USB B-to-USB A Configuration/Console Access cable</td>
</tr>
<tr>
<td>Network Monitoring Port</td>
<td>RJ45 Network port, RJ45 Config/Console Access port; 2x USB A ports supports a variety of Envirosense2 environmental and control modules. See Accessories&gt;Management Hardware section for more information about these modules. USB B port (Configuration &amp; Console Access)</td>
</tr>
<tr>
<td>SNMP Compatibility</td>
<td>SNMP V1, V2c, V3</td>
</tr>
<tr>
<td>Network Speed</td>
<td>10/100 Mbps; 1Gbps</td>
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<tr>
<td>Communications Interface</td>
<td>Pre-installed network card; RS-232; USB</td>
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**SPECIAL FEATURES**

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<th>High Availability PDU Features</th>
<th>Auto Probe Monitoring and Reboot (included)</th>
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**STANDARDS & COMPLIANCE**

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**WARRANTY**

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<th>Product Warranty Period (Worldwide)</th>
<th>2-year limited warranty</th>
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