

## 10kW 3-Phase Monitored PDU, 200/208/240V Outlets (42-C13, 6-C19), L15-30P, 6ft cord, 0U Vertical, TAA

MODEL NUMBER: PDU3VN6L1530B



### Description

Tripp Lite 3 phase Monitored PDU / Power Distribution Unit offers real-time remote monitoring of voltage and load levels via built-in network connection. PowerAlert interface supports custom notification of user-specified remote conditions via email, secure web, SNMP, Telnet or SSH interface. PDU output current consumption in amps is displayed per-phase via front panel lighted digital display and can be monitored remotely to warn of potential overloads before critical IT mains breakers trip.

### Features

- 8.6kW 3 phase 200/208/240V Monitored Power Distribution Unit / PDU with built-in web/network interface
- Attached NEMA L15-30P 30A (3P+E) 200/208/240V 3 phase input plug with 6 ft. / 1.8m cord
- 0U, 70 in. / 178cm vertical form factor supports installation in 2 or 4 post equipment racks
- 48 total 200/208/240V outlets (42 C13, 6 C19) arranged in three breakered single phase output load banks
- Network interface provides PDU data regarding input voltage and per-phase load levels with +/-1% billing-grade accuracy
- Lighted display with scroll-button reports power consumption in amps for all 3 loading banks, IP-address self-identification and 180 degree display rotation for overhead or raised floor power feeds
- Built-in SNMP/ethernet interface reports voltage and PDU loading per-phase via network or secure web browser interface with options for user specified alarm and notification thresholds
- Supports in-rack environmental reporting with optional ENVIROSENSE temperature / humidity sensor and rack access notification with up to 4 optional SRSWITCH door sensors
- DHCP/Manual configuration support
- 10/100 Mbps auto-sensing allows optimal communication with 10/100 Base-T networks
- Real-time clock backup maintains the time of day and date even if the PDU is unpowered
- Tiered access privileges allow an administrator and a guest to login via web browser for monitoring
- Alert notifications via email or SNMP traps offer immediate event notification

### Highlights

- Monitored 10kW 3 Phase 200/208/240V PDU in 70 in. / 178cm 0U vertical mounting format
- Reports voltage and load per-phase via built in ethernet interface
- 1% billing-grade accuracy, Multi-function digital display, Environmental monitoring options
- NEMA L15-30P 30A 200/208/240V 3 phase input; 6 ft. / 1.8m line cord
- 42 C13 & 6 C19 single phase outlets; Plug-lock cable retention sleeves
- TAA Compliant

### Package Includes

- Monitored rackmount PDU with pre-installed mounting buttons
- Spare installation buttons (2 9mm / 4 6mm)
- Rack mounting brackets
- Owner's manual

- Firmware upgrade ability supports future product enhancements
- Supports HTTP, HTTPS, PowerAlert Network Management System, SMTP, SNMPv1, SNMPv2, SNMPv3, Telnet, SSH, FTP, DHCP, BOOTP, NTP protocols
- Fully compatible with FREE PowerAlert Network Management System / NMS Software
- Included set of plug-lock inserts keep C14 & C20 power cords solidly connected to PDU outlets
- Toolless mounting supported in button-mount compatible racks, plus nut-and-bolt mounting brackets for other mounting applications (set of 2 9mm buttons pre-installed, 2 9mm and 4 6mm spare buttons included)
- Federal Trade Agreements Act / TAA Compliant for GSA Schedule purchases

## Specifications

| OVERVIEW                          |  |
|-----------------------------------|--|
| UPC Code                          | 037332182944   |
| PDU Type                          | Monitored  |
| INPUT                             |  |
| Input Phase                       | 3-Phase  |
| Recommended Electrical Service    | 30A 208/240V with L15-30R outlet   |
| Maximum Input Amps                | 24   |
| Maximum Input Amps Details        | Agency de-rated to 24A continuous  |
| PDU Plug Type                     | NEMA L15-30P   |
| Input Cord Length (ft.)           | 6  |
| Input Cord Length (m)             | 1.83   |
| 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                | (42) C13; (6) C19  |
| Output Nominal Voltage            | 200; 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) and output current for each breakered load bank (13.9A balanced max per banks B1-B3); Outlets are color-coded and labeled for phase and load bank identification; L1-L2 feeds black outlets (B1); L2-L3 feeds dark-gray outlets (B2); L3-L1 feeds light-gray outlets (B3)                   |
| Front Panel LCD Display           | Large digital display reports Amperage, Kilowatts, Voltage, Unbalance percentage, Temperature* and Humidity* information (*requires ENIVIROSENSE option); Small digital display provides detail on the measurement the large display is reporting: Input-phase (L#), Load bank (B#), Sensor (S#), Load unbalance (UB), Output power (OP) |

|                                      |  |
|--------------------------------------|--|
| Front Panel LEDs                     | Set of 6 LEDs identify the value displayed on the large digital display: Amperage (A), Kilowatts (kW), Voltage (V), Unbalance percentage (%UB), Temperature (T), Humidity (%RH); One additional LED for each output load bank (B1-B3) offers information power availability: GREEN (<80% load), YELLOW (>80% load), RED (Power OFF), RED FLASHING (Power OFF/breaker trip) |
| Switches                             | Set of UP/DOWN arrow buttons scroll through available Input, Bank, Power, Load balance and Sensor options; Additional MODE button advances the LEDs to view the next measurement   |
| Current Measurement Accuracy (Amps)  | +/-1%  |
| Voltage Measurement Accuracy (Volts) | +/-1%  |
| Power Measurement Accuracy (Watts)   | +/-1%  |
| <b>SURGE / NOISE SUPPRESSION</b>     |  |
| Automatic Shut-Off                   | No   |
| <b>PHYSICAL</b>                      |  |
| 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                      | Vertical (0U)  |
| Shipping Dimensions (hwd / in.)      | 6.30 x 9.70 x 75.70  |
| Shipping Dimensions (hwd / cm)       | 16.00 x 24.64 x 192.28   |
| Shipping Weight (lbs.)               | 23.00  |
| Shipping Weight (kg)                 | 10.43  |
| Unit Dimensions (hwd / in.)          | 70.000 x 2.170 x 2.860   |
| Unit Dimensions (hwd / cm)           | 177.8 x 5.5 x 7.3  |
| Unit Weight (lbs.)                   | 14.93  |
| Unit Weight (kg)                     | 6.77   |
| <b>ENVIRONMENTAL</b>                 |  |
| Operating Temperature Range          | 32 to 122F (0C to 50C)   |
| Storage Temperature Range            | 5 to 140F (-15C to 60C)  |
| Relative Humidity                    | 5-95% non condensing   |
| Operating Elevation (ft.)            | 0-10,000   |
| Operating Elevation (m)              | 0-3000   |
| <b>COMMUNICATIONS</b>                |  |
| PowerAlert Software                  | SNMPWEBCARD Interface: PowerAlert 12   |
| Communications Cable                 | RJ45-to-DB9 configuration/console Access cable   |
| Network Compatibility                | 10 Mbps; 100 Mbps (Fast Ethernet)  |

**WARRANTY & SUPPORT**

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|--|-------------------------|
| Product Warranty Period<br>(Worldwide) | 2-year limited warranty |
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