

## 18.7kW 3-Phase Monitored PDU, 200/208/240V Outlets (36-C13), IEC-309 60A Blue, 6 ft Cord, 0U Vertical, TAA

MODEL NUMBER: PDU3VN6G60C



### 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

- 18.7kW 3 phase 200/208/240V Monitored Power Distribution Unit / PDU with built-in web/network interface
- IEC-309 Blue 60A (3P+E) 3 phase input; 6 ft. / 1.8m cord
- 0U, 70 inch / 178cm vertical form factor
- 36 200/208/240V C13 outlets in 6 separately breakered 20A single phase load banks
- Network interface provides PDU data regarding input voltage and per-phase load levels with +/-1% billing-grade accuracy
- Built-in local digital display and remote web/network interface reports detailed voltage, amperage and kilowatt output values per breakered bank and per phase with additional reporting options for power unbalance percentage, IP address and sensor\* based temperature and humidity data (\*requires ENVIROSENSE sensor)
- In-rack environmental reporting with optional ENVIROSENSE temperature / humidity sensor and rack access notification with up to 4 optional SRSWITCH door sensors
- Local display supports electronic 180 degree display rotation for overhead or under-floor input cable orientation
- Supports user-specified alarm notification thresholds
- DHCP/Manual configuration support
- 10/100 Mbps auto-sensing
- Real-time clock backup maintains the time of day and date even if the PDU is unpowered

### Highlights

- Monitored 18.7kW 3 Phase 200/208/240V PDU; 70 in. / 178cm 0U vertical rackmount
- Reports voltage and load per-phase or per breakered load bank via Ethernet interface
- 1% billing-grade accuracy, Multi-function digital display, Environmental monitoring options
- IEC-309 Blue 60A (3P+E) 200/208/240V 3 phase input; 6 ft. / 1.8m line cord
- 36 C13 single phase outlets with Plug-lock cable retention sleeves
- TAA Compliant

### Package Includes

- Monitored rackmount PDU with pre-installed mounting buttons
- 36 C13/C14 Plug-lock cable retention sleeves
- Spare installation buttons (2 9mm / 4 6mm)
- Rack mounting brackets
- Owner's manual

- Tiered access privileges allow an administrator and a guest to login via web browser
- Alert notifications via email or SNMP traps offer immediate event notification
- 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 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                          | 037332180964  |
| PDU Type                          | Monitored   |
| INPUT                             |   |
| Input Phase                       | 3-Phase   |
| Recommended Electrical Service    | 60A 208/240V with IEC309 60A Blue (3P+E) outlet   |
| Maximum Input Amps                | 45  |
| Maximum Input Amps Details        | Agency de-rated to 45A continuous   |
| PDU Plug Type                     | IEC-309 60A BLUE (3P+E)   |
| Input Cord Length (ft.)           | 6   |
| Input Cord Length (m)             | 1.83  |
| OUTPUT                            |   |
| Output Capacity Details           | 18.7kW (240V), 17.9kW (230V), 17.1 (220V), 16.2 (208V), 15.6kW (200V) total capacity; 26A max per output phase (L1-L2, L2-L3, L3-L1); 20A max per breakered outlet bank; 12A max per C13 outlet   |
| Frequency Compatibility           | 50 / 60 Hz  |
| Output Receptacles                | (36) C13  |
| Output Nominal Voltage            | 200; 208; 240   |
| Overload Protection               | 6 20A circuit breakers, 1 per outlet bank   |
| USER INTERFACE, ALERTS & CONTROLS |   |
| Reported Load Segments            | Reports input current per phase (L1, L2, L3) and output current for each breakered load bank (B1-B6); Outlets are color-coded and labeled for phase and load bank identification; L1-L2 feeds black outlets (B1 & B4); L2-L3 feeds dark-gray outlets (B2 & B5); L3-L1 feeds light-gray outlets (B3 & B6)                                |
| Front Panel LCD Display           | Large digital display reports Amperage, Kilowatts, Voltage, Unbalance percentage, Temperature* and Humidity* information (*requires ENVIROSENSE 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-B6) 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.)      | 6.89 x 9.65 x 75.87  |
| Shipping Dimensions (hwd / cm)       | 17.50 x 24.51 x 192.71   |
| Shipping Weight (lbs.)               | 24.43  |
| Shipping Weight (kg)                 | 11.08  |
| Unit Dimensions (hwd / in.)          | 70.000 x 2.170 x 2.490   |
| Unit Dimensions (hwd / cm)           | 177.8 x 5.5 x 6.3  |
| Unit Weight (lbs.)                   | 18.70  |
| Unit Weight (kg)                     | 8.48   |
| <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   |
| SNMP Compatibility                   | Yes, pre-installed SNMPWEBCARD provides remote monitoring via web, telnet, SSH and SNMP management systems   |

|                                     |                                   |
|-------------------------------------|-----------------------------------|
| Network Compatibility               | 10 Mbps; 100 Mbps (Fast Ethernet) |
| <b>WARRANTY &amp; SUPPORT</b>       |                                   |
| Product Warranty Period (Worldwide) | 2-year limited warranty           |