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10kW 3-Phase Monitored PDU, 200/208/240V Outlets (42 C13, 6 C19), L21-30P, 6ft Cord, 0U Vertical, TAA

MODEL NUMBER: PDU3VN6L2130B



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

- 10kW 3 phase 200/208/240V Monitored Power Distribution Unit / PDU with built-in web/network interface
- Attached NEMA L21-30P 30A 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

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 L21-30P 30A 3 phase input; 6 ft. / 1.8m line cord
- 42 C13 & 6 C19 single phase 200/208/240V 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



- 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
- 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 | 037332184238 |
| PDU Type | Monitored |
| 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 |
| INPUT | |
| PDU Input Voltage | 200; 208; 240 |
| Recommended Electrical Service | 30A 208/240V with L21-30R outlet |
| Maximum Input Amps | 24 |
| PDU Plug Type | NEMA L21-30P |
| Input Cord Length (ft.) | 6 |
| Input Cord Length (m) | 1.83 |
| Input Phase | 3-Phase |
| 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 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-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 |
| PHYSICAL | |
| Shipping Dimensions (hwd / in.) | 75.870 x 9.650 x 6.890 |
| Shipping Dimensions (hwd / cm) | 192.71 x 24.51 x 17.50 |
| Shipping Weight (lbs.) | 22.7600 |
| Shipping Weight (kg) | 10.32 |
| Unit Dimensions (hwd / in.) | 70 x 2.17 x 2.86 |
| Unit Dimensions (hwd / cm) | 177.8 x 5.5 x 7.3 |
| Unit Weight (lbs.) | 15.69 |
| Unit Weight (kg) | 7.12 |
| 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) |
| ENVIRONMENTAL | |
| 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 to 10,000 |
| Operating Elevation (m) | 0 - 3000 m |
| CERTIFICATIONS | |
| Certifications | Tested to UL60950-1 (USA) CAN60950-1 (Canada), NOM (Mexico), Class A (Emissions), ROHS, TAA Compliant |
| WARRANTY | |
| Product Warranty Period (Worldwide) | 2-year limited warranty |



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Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies:

<https://www.tripplite.com/products/product-certification-agencies>