



Tripp Lite
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Model #: PDU3VN3L2120

3-Phase Monitored PDU, 5.7 kW, 36 208V outlets (30 C13, 6 C19), 3-ft. NEMA L21-20P 20A input, 0U vertical mount



Highlights

- Monitored 5.7kW 3 Phase 208V PDU; 70 in. / 178cm 0U vertical rackmount
- Reports voltage, frequency and load per-phase via built in ethernet interface
- Visual current meter; Toolless button-mount installation
- NEMA L21-20P 20A (3P+N+E) 208V 3 phase input; 3 ft. / 1m line cord
- 30 C13 & 6 C19 single phase outlets; Included cord retention brackets
- Temperature, humidity and contact closure monitoring options

Description

Tripp Lite 3 phase Monitored PDU / Power Distribution Unit offers real-time remote monitoring of voltage, frequency 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.

Applications

Ideal for 3 phase network configurations in datacenters and heavily configured equipment racks

Package Includes

- Monitored rackmount PDU with pre-installed mounting buttons
- Cord retention brackets
- Rack mounting brackets
- Owner's manual

Features

- 5.7kW 3 phase 208V Monitored Power Distribution Unit / PDU with built-in web/network interface
- Attached NEMA L21-20P 20A (3P+N+E) 208V 3 phase input plug with 3 ft. / 1m cord
- 0U, 70 in. / 178cm vertical form factor supports installation in 2 or 4 post equipment racks
- 36 total 208V outlets (30 C13, 6 C19) arranged in three breakered single phase output load banks
- 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, frequency 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
- Firmware upgrade ability supports future product enhancements

- Supports HTTP, HTTPS, PowerAlert Network Management System, SMTP, SNMPv1, SNMPv2, Telnet, SSH, FTP, DHCP, BOOTP, NTP protocols
- Fully compatible with FREE PowerAlert Network Management System / NMS Software
- Included cord retention brackets keep vital network equipment plugged in and continuously powered
- Toolless mounting supported in button-mount compatible racks, plus nut-and-bolt mounting brackets for other mounting applications

Specifications

| OVERVIEW | |
|------------------------------------|--|
| PDU Type | Monitored |
| OUTPUT | |
| Output Capacity Details | 5.7kVA total; 9.2A per bank (balanced) |
| Frequency compatibility | 50 / 60 Hz |
| Output nominal voltage | 208V single phase |
| Outlet quantity / type | 36 total - 30 C13 (10 per phase), 6 C19 (2 per phase) |
| Outlet Type | IEC-C13, IEC-C19 |
| INPUT | |
| Nominal Input Voltage(s) Supported | 208V AC |
| PDU Input Voltage | 208 |
| Maximum Input Amps (A) | 16 |
| PDU Plug Type | NEMA L21-20P |
| Input cord length (ft.) | 3 |
| Input cord length (m) | 0.91 |
| Voltage compatibility (VAC) | 3-Phase; 208 |
| Phase | 3-Phase |
| LEDS ALARMS & SWITCHES | |
| Switches | Pushbutton switches enable local display of each phase separately, display rotate and display IP address functions |
| Front panel LEDs | 2 Digit current meter display reports output amps per phase and IP address |
| PHYSICAL | |
| Shipping weight (lbs) | 15.8 |
| Shipping weight (kg) | 8.6 |
| Unit Dimensions (HWD/in) | 70 x 2.19 x 3.26 |
| Unit Dimensions (HWD/cm) | 177.8 x 5.6 x 8.3 |
| Shipping Dimensions (HWD/in) | 6.6 x 9.3 x 75.5 |
| Shipping Dimensions (HWD/cm) | 16.8 x 23.6 x 191.8 |
| Unit weight (lbs) | 7.2 |

| | |
|--|--|
| Unit weight (kg) | 3.9 |
| Material of construction | Steel |
| Style | Vertical rackmount |
| 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 | |
| Relative Humidity | 0-95% non-condensing |
| CERTIFICATIONS | |
| Certifications | Tested to UL60950-1 (USA, Canada), NOM (Mexico), Class A (Emissions), ROHS |
| WARRANTY | |
| Product Warranty Period (Worldwide) | 2-year limited warranty |

Related Items

Optional Products

| Related Model | Description | Qty. |
|-----------------------------|--|------|
| P002-002 | 2-ft. Power Cord (IEC-320-C14 to NEMA 5-15R) | 1 |
| P005-002 | 2-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to IEC-320-C14) | 1 |
| P005-006 | 6-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to IEC-320-C14) | 1 |
| P005-010 | 10-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to IEC-320-C14) | 1 |
| P047-002 | 2-ft. 14AWG Heavy Duty Power cord (IEC-320-C19 to IEC-320-C14) | 1 |
| P047-004 | 4-ft. 14AWG Heavy Duty Power cord (IEC-320-C19 to IEC-320-C14) | 1 |
| P047-006 | 6-ft. 14AWG Heavy Duty Power cord (IEC-320-C19 to IEC-320-C14) | 1 |
| P047-010 | 10-ft. 14AWG Heavy Duty Power cord (IEC-320-C19 to IEC-320-C14) | 1 |
| P032-007 | 7-ft. 12AWG Heavy Duty Power cord (IEC-320- C13 to IEC-320-C20) | 1 |
| P036-002 | 2-ft. 12AWG Heavy Duty Power cord (IEC-320-C19 to IEC-320-C20) | 1 |
| P036-006 | 6-ft. 12AWG Heavy Duty Power cord (IEC-320-C19 to IEC-320-C20) | 1 |
| ENVIROSENSE | Monitors temperature, humidity and contact-closure inputs. (Requires SNMPWEBCARD or switched PDU.) | 1 |
| SR SWITCH | Rack door sensor (max. 4); Requires ENVIROSENSE | 1 |

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/en/products/model.cfm?txtModelID=4702.

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