



Tripp Lite
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Model #: PDU3VSR3L2120

3-Phase Switched PDU, 5.7 kW, 24 208V outlets (21-C13, 3-C19) 3-ft. Cord, NEMA L21-20P 20A input, 0U vertical mount



Highlights

- Switched 5.7kW 3 Phase 208V PDU; 70 in. / 178cm 0U vertical rackmount
- Reports voltage, frequency & load per-outlet or phase via 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
- 21 C13 & 3 C19 single phase switched outlets with cord retention brackets
- Temperature, humidity and contact closure monitoring options

Description

Tripp Lite 3 phase Switched PDU / Power Distribution Unit offers advanced network control and monitoring with the ability to turn on, turn off, recycle or lock-out power to each individual receptacle, monitor site electrical conditions and remotely monitor output power consumption per-phase or per-receptacle. PowerAlert interface supports remote control and custom notification of user-specified conditions via email, secure web, SNMP, Telnet or SSH interface. Individually switched outlets can be controlled in real-time to remotely reboot unresponsive network hardware, or be custom programmed for user-defined power-up and power-down sequences to ensure proper startup of interdependent IT systems and prevent inrush-related overloads as network equipment is first energized. Unused PDU outlets can be electronically locked off to prevent the connection of unauthorized hardware. PDU output current consumption in amps per-phase or per-receptacle can be displayed locally via visual meter or remotely via web/network interface to warn of potential overloads before critical IT mains or branch breakers trip.

Applications

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

Package Includes

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

Features

- 5.7kW 3 phase 208V Switched Power Distribution Unit / PDU with built-in web/network interface
- Attached NEMA L21-20P 20A (3P+N+E) 208V 3 phase input; 3 ft. / 1m cord
- 0U, 70 inch / 178cm vertical form factor
- 24 switched 208V outlets (21 C13, 3 C19) in 3 single phase load banks
- Supports power-on, power-off or reboot of each outlet on a real-time or programmable basis
- Enables reboot of locked equipment, custom power-on/power-off sequences, load-shedding of optional loads and disabling unused outlets
- Network interface provides PDU control and data regarding input voltage, per-outlet and per-phase load levels
- Digital display with scroll-buttons supports per-outlet or per-phase load levels, IP-address self-identification and 180 degree display rotation
- Supports user-specified alarm notification thresholds
- 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

- 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
- 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
- Toolless mounting in button-mount compatible racks
- Nut-and-bolt mounting support for other racks

Specifications

| OVERVIEW | |
|--|--|
| PDU Type | Switched |
| OUTPUT | |
| Output Capacity Details | 5.7kVA total; 9.2A per bank (balanced) |
| Frequency compatibility | 60 Hz |
| Output nominal voltage | 208V single phase |
| Outlet quantity / type | 24 total - 21 C13 (7 per phase), 3 C19 (1 per phase) |
| Outlet Type | IEC-C13, IEC-C19 |
| Customized load management receptacles | Each outlet is individually controllable via remote interface |
| 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 scroll switch enables local power consumption display of each phase or outlet separately, display rotate and display IP address functions |
| Front panel LEDs | 2 digit current meter display reports output amps per phase and IP address self identification |
| PHYSICAL | |
| Shipping weight (lbs) | 19 |
| 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) | 75.4 x 6.6 x 9.3 |
| Shipping Dimensions (HWD/cm) | 191.5 x 16.8 x 23.6 |
| Unit weight (lbs) | 11.7 |
| Unit weight (kg) | 5.3 |
| 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 |
| COMMUNICATIONS | |
| SNMP compatibility | Yes, pre-installed SNMPWEBCARD provides remote monitoring via web, telnet, SSH and SNMP management systems |
| CERTIFICATIONS | |
| Certifications | Tested to UL 60950-1 (USA, Canada), Class A (Emissions), NOM (Mexico), RoHS compliant |
| WARRANTY | |
| Product Warranty Period (Worldwide) | 2-year limited warranty |

Related Items

Optional Products

| Related Model | Description | Qty. |
|--------------------------|--|------|
| 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 |
| SRSWITCH | 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=4719.

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