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## Model #: PDU3VSR3L1520

**3-Phase Switched PDU, 5.7 kW, 24 208V outlets (21-C13, 3-C19) 3-ft. Cord, NEMA L15-20P 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 L15-20P 20A (3P+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
- Spare installation buttons (2 9mm / 4 6mm)
- 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 L15-20P 20A (3P+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 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)
- 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 L15-20P   |
| 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 Dimensions (HWD/in)           | 75.4 x 6.6 x 9.3   |
| Shipping Dimensions (HWD/cm)           | 191.5 x 16.8 x 23.6  |

|                                     |  |
|-------------------------------------|--|
| Shipping weight (lbs)               | 17.4   |
| Shipping weight (kg)                | 7.9  |
| Unit Dimensions (HWD/in)            | 70 x 2.19 x 3.26   |
| Unit Dimensions (HWD/cm)            | 177.8 x 5.6 x 8.3  |
| Unit weight (lbs)                   | 10.2   |
| Unit weight (kg)                    | 4.6  |
| 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)  |
| <b>ENVIRONMENTAL</b>                |  |
| Relative Humidity                   | 0-95% non-condensing   |
| <b>COMMUNICATIONS</b>               |  |
| SNMP compatibility                  | Yes, pre-installed <a href="#">SNMPWEBCARD</a> provides remote monitoring via web, telnet, SSH and SNMP management systems             |
| <b>CERTIFICATIONS</b>               |  |
| Certifications                      | Tested to UL 60950-1 (USA, Canada), Class A (Emissions), NOM (Mexico), RoHS compliant  |
| <b>WARRANTY</b>                     |  |
| Product Warranty Period (Worldwide) | 2-year limited warranty  |

## Related Items

### Optional Products

| Related Model            | Description   | Qty. |
|--------------------------|---|------|
| <a href="#">P002-002</a> | 2-ft. Power Cord<br>(IEC-320-C14 to NEMA 5-15R)                     | 1    |
| <a href="#">P005-002</a> | 2-ft. Heavy-Duty 14AWG Power cord<br>( IEC-320-C13 to IEC-320-C14)  | 1    |
| <a href="#">P005-006</a> | 6-ft. Heavy-Duty 14AWG Power cord<br>(IEC-320-C13 to IEC-320-C14)   | 1    |
| <a href="#">P005-010</a> | 10-ft. Heavy-Duty 14AWG Power cord<br>(IEC-320-C13 to IEC-320-C14)  | 1    |
| <a href="#">P047-002</a> | 2-ft. 14AWG Heavy Duty Power cord<br>(IEC-320-C19 to IEC-320-C14)   | 1    |
| <a href="#">P047-004</a> | 4-ft. 14AWG Heavy Duty Power cord<br>(IEC-320-C19 to IEC-320-C14)   | 1    |
| <a href="#">P047-006</a> | 6-ft. 14AWG Heavy Duty Power cord<br>(IEC-320-C19 to IEC-320-C14)   | 1    |
| <a href="#">P047-010</a> | 10-ft. 14AWG Heavy Duty Power cord<br>(IEC-320-C19 to IEC-320-C14)  | 1    |
| <a href="#">P032-007</a> | 7-ft. 12AWG Heavy Duty Power cord<br>( IEC-320- C13 to IEC-320-C20) | 1    |

|             |  |   |
|-------------|--|---|
| P036-002    | 2-ft. 12AWG Heavy Duty Power cord<br>(IEC-320-C19 to IEC-320-C20)                                  | 1 |
| P036-006    | 6-ft. 12AWG Heavy Duty Power cord<br>(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=4720](http://www.tripplite.com/en/products/model.cfm?txtModelID=4720).

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