# 5.7 kW 3-Phase Switched PDU, 208V Outlets (21 C13 & 3 C19), L15-20P, 10ft Cord, 0U Vertical

MODEL NUMBER: **PDU3VSR10L1520**








## Highlights

- Switched 5.7kW 3 Phase 208V PDU; 70 in. / 178cm 0U vertical rackmount
- Reports voltage, frequency and 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; 10 ft. / 3m line cord
- 21 C13 and 3 C19 single phase switched outlets with cord retention brackets
- Temperature, humidity and contact closure monitoring options

## 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

## 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.

## 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; 10 ft. / 3m 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, SNMPv3, 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

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| **OVERVIEW** | |
| UPC Code | 037332149862 |
| PDU Type | Switched |
| **INPUT** | |
| Input Phase | 3-Phase |
| Recommended Electrical Service | 20A 208V with NEMA L15-20R outlet |
| Maximum Input Amps | 16 |
| Maximum Input Amps Details | Agency de-rated to 16A continuous |
| PDU Plug Type | NEMA L15-20P |
| Input Cord Length (ft.) | 10 |
| Input Cord Length (m) | 3.05 |
| **OUTPUT** | |
| Output Capacity Details | 5.7kW (208V) total capacity / 9.2A max per output phase (L1-L2, L2-L3, L3-L1) |
| Frequency Compatibility | 50 / 60 Hz |
| Output Receptacles | (21) C13; (3) C19 |
| Output Nominal Voltage | 208 |
| Customized Load Management Receptacles | Each outlet is individually controllable via remote interface |
| **USER INTERFACE, ALERTS & CONTROLS** | |
| Reported Load Segments | Supports local monitoring of current for each output phase (9.2A max per L1-L2, L2-L3, L3-L1, balanced) and for each output receptacle; BANK "L1" is powered by L1-L2 (outlets 1-8); BANK "L2" is powered by L2-L3 (outlets 9-16); BANK "L3" is powered by L3-L1 (outlets 17-24) |
| Front Panel LCD Display | Digital display reports output load level in amps separately for each output phase and each individual output receptacle; Can also be used to scroll the configured IP address |

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| Front Panel LEDs | Set of 3 LEDs (L1, L2, L3) indicate the output load segment the digital current display is reporting; LEDs for L1, L2, L3 will also flash to indicate that the display is reporting current level for one of the outlets in that load bank; One additional LED per output receptacle indicates power ON/OFF status for that outlet |
| Switches | SELECT switch advances the digital display and LED to report power consumption for load segments L1, L2, L3 and for each individual output receptacle (short press); SELECT switch also rotates the local display 90 degrees for overhead power input (long press); SCROLL IP button scrolls the configured IP address (long press) |
| Current Measurement Accuracy (Amps) | +/-1% |
| Voltage Measurement Accuracy (Volts) | +/-1% |
| Power Measurement Accuracy (Watts) | +/-1% |
| **SURGE / NOISE SUPPRESSION** | |
| Automatic Shut-Off | No |
| **PHYSICAL** | |
| Material of Construction | Metal |
| Form Factors Supported | Vertical rackmount installation supported with included mounting brackets; supports tooless mounting in button-mount compatible racks |
| PDU Form Factor | Vertical (0U) |
| Shipping Dimensions (hwd / in.) | 7.20 x 9.65 x 75.86 |
| Shipping Dimensions (hwd / cm) | 18.29 x 24.51 x 192.68 |
| Shipping Weight (lbs.) | 18.75 |
| Shipping Weight (kg) | 8.50 |
| Unit Dimensions (hwd / in.) | 70.000 x 2.200 x 1.730 |
| Unit Dimensions (hwd / cm) | 177.8 x 5.6 x 8.3 |
| Unit Weight (lbs.) | 13.2 |
| Unit Weight (kg) | 5.99 |
| **ENVIRONMENTAL** | |
| Storage Temperature Range | -30°C to +50°C (-22°F to +122°F) |
| Relative Humidity | 5-95% non condensing |
| Operating Elevation | 0-10,000 |
| **COMMUNICATIONS** | |
| 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) |
| **STANDARDS & COMPLIANCE** | |

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| TAA Compliant Option | TAA Compliant Version Available - Order Tripp Lite PDU3EVSR6L1520 |
| **WARRANTY & SUPPORT** | |
| Product Warranty Period (Worldwide) | 2-year limited warranty |

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