

## 8.6kW 3-Phase Switched PDU, 208V Outlets (21 C13 & 3 C19), L21-30P, 10ft Cord, 0U Vertical

MODEL NUMBER: PDU3VSR10L2130



### 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

- 8.6kW 3 phase 208V Switched Power Distribution Unit / PDU with built-in web/network interface
- Attached NEMA L21-30P 30A (3P+N+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

### Highlights

- Switched 8.6kW 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 L21-30P 30A (3P+N+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
- Plug retention plates
- Spare installation buttons (2 9mm / 4 6mm)
- Rack mounting brackets
- Owner's manual



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- 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

| OVERVIEW                               |                                                                                                                                                                                                                                                                                   |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UPC Code                               | 037332149794                                                                                                                                                                                                                                                                      |
| PDU Type                               | Switched                                                                                                                                                                                                                                                                          |
| INPUT                                  |                                                                                                                                                                                                                                                                                   |
| Input Phase                            | 3-Phase                                                                                                                                                                                                                                                                           |
| Recommended Electrical Service         | 30A 208V with NEMA L21-30R outlet                                                                                                                                                                                                                                                 |
| Maximum Input Amps                     | 24                                                                                                                                                                                                                                                                                |
| Maximum Input Amps Details             | Agency de-rated to 24A continuous                                                                                                                                                                                                                                                 |
| PDU Plug Type                          | NEMA L21-30P                                                                                                                                                                                                                                                                      |
| Input Cord Length (ft.)                | 10                                                                                                                                                                                                                                                                                |
| Input Cord Length (m)                  | 3.05                                                                                                                                                                                                                                                                              |
| OUTPUT                                 |                                                                                                                                                                                                                                                                                   |
| Output Capacity Details                | 8.6kW (208V) total capacity; 13.9A max per output phase (L1-L2, L2-L3, L3-L1), 12A max per C13 outlet                                                                                                                                                                             |
| Frequency Compatibility                | 50 / 60 Hz                                                                                                                                                                                                                                                                        |
| Output Receptacles                     | (21) C13; (3) C19                                                                                                                                                                                                                                                                 |
| Output Nominal Voltage                 | 208                                                                                                                                                                                                                                                                               |
| Overload Protection                    | 3 20A double-pole circuit breakers (1 per output phase)                                                                                                                                                                                                                           |
| 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 (13.9A 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                                                                                                                                                      |
| 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%                                                                                                                                                                                                                                                                                                                               |
| <b>SURGE / NOISE SUPPRESSION</b>     |                                                                                                                                                                                                                                                                                                                                     |
| Automatic Shut-Off                   | No                                                                                                                                                                                                                                                                                                                                  |
| <b>PHYSICAL</b>                      |                                                                                                                                                                                                                                                                                                                                     |
| 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)                                                                                                                                                                                                                                                                                                                       |
| Shipping Dimensions (hwd / in.)      | 7.00 x 9.00 x 75.00                                                                                                                                                                                                                                                                                                                 |
| Shipping Dimensions (hwd / cm)       | 17.78 x 22.86 x 190.50                                                                                                                                                                                                                                                                                                              |
| Shipping Weight (lbs.)               | 21.50                                                                                                                                                                                                                                                                                                                               |
| Shipping Weight (kg)                 | 9.75                                                                                                                                                                                                                                                                                                                                |
| Unit Dimensions (hwd / in.)          | 70.000 x 2.200 x 3.580                                                                                                                                                                                                                                                                                                              |
| Unit Dimensions (hwd / cm)           | 177.8 x 5.6 x 8.3                                                                                                                                                                                                                                                                                                                   |
| Unit Weight (lbs.)                   | 13.2                                                                                                                                                                                                                                                                                                                                |
| Unit Weight (kg)                     | 5.99                                                                                                                                                                                                                                                                                                                                |
| <b>ENVIRONMENTAL</b>                 |                                                                                                                                                                                                                                                                                                                                     |
| Storage Temperature Range            | 5 to 122F (-15 to 50C)                                                                                                                                                                                                                                                                                                              |
| Relative Humidity                    | 5-95% non condensing                                                                                                                                                                                                                                                                                                                |
| Operating Elevation                  | 0-10,000                                                                                                                                                                                                                                                                                                                            |
| <b>COMMUNICATIONS</b>                |                                                                                                                                                                                                                                                                                                                                     |
| 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)                                                                                                                                                                                                                                                                                                   |

WARRANTY & SUPPORT

|                                        |                         |
|----------------------------------------|-------------------------|
| Product Warranty Period<br>(Worldwide) | 2-year limited warranty |
|----------------------------------------|-------------------------|

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