

TAA-Compliant 10kW 3-Phase Switched PDU, 200/208/240V Outlets (24-C13, 6-C19), L21-30P, 6ft Cord, 0U Vertical

MODEL NUMBER: **PDU3VS6L2130**



Description

Tripp Lite's PDU3VS6L2130 is a 3 phase Switched PDU / Power Distribution Unit that provides advanced network control and monitoring with the ability to turn on/off, recycle or lock-out power to each individual receptacle, monitor site electrical conditions and remotely monitor output power consumption for each output phase. 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. Built-in local digital display and remote web/network interface reports detailed voltage, amperage and kilowatt output values per outlet, per breaker bank and per phase with additional reporting options for power unbalance percentage, IP address and sensor based temperature and humidity data (requires ENVIROSENSE sensor).

Features

- 10kW 3 phase 200/208/240V Switched Power Distribution Unit / PDU with built-in web/network interface and multi-function digital display
- Attached NEMA L21-30P 200/208/240V 3 phase input; 6 ft. / 1.8m cord
- 0U, 70in / 178cm vertical form factor
- 30 switched 200/208/240V outlets (24 C13, 6 C19) arranged in 3 separately breakered 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, frequency and load level per-phase with +/-1% billing-grade accuracy
- Built-in digital display and remote web/network interface reports voltage, amperage and kilowatt output values per breaker and per phase with additional reporting options for power unbalance percentage, IP address and sensor-based temperature and humidity data (requires ENVIROSENSE sensor)

Highlights

- Switched 10kW 3 Phase 200/208/240V PDU; 70 in. / 178cm 0U vertical rackmount
- Reports voltage, frequency and current per-phase via Ethernet interface
- 1% billing-grade accuracy; Multi-function digital display; Environmental monitoring options
- 70in / 1778mm 0U vertical format; Toolless button-mount installation
- 24 C13 & 6 C19 single phase switched outlets; Plug-lock cable retention sleeves
- NEMA L21-30P 3 phase input; 6 ft. / 1.8m line cord
- TAA Compliant

Applications

- Ideal for 3 phase network configurations in data centers and heavily configured equipment racks

Package Includes

- Switched vertical rackmount PDU with pre-installed mounting buttons
- Plug lock cord retention sleeves
- Spare installation buttons (2 9mm / 4 6mm), Mounting brackets
- Configuration cable
- Owner's manual



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- 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 or user-supplied contact closure 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 set of Plug-lock inserts keep C14 and C20 power cords solidly connected to PDU outlets
- 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)
- Federal Trade Agreements Act / TAA Compliant for GSA Schedule purchases

Specifications

| OVERVIEW | |
|--|---|
| Style | Vertical rackmount |
| PDU Type | Switched |
| OUTPUT | |
| Output Capacity Details | 8.6kW (208V), 9.1kW (220V), 9.6kW (230V), 10.0kW (240V), 8.3kW (200V), 13.9A per phase (balanced), 16A max per C19 outlet, 12A max per C13 outlet |
| Frequency Compatibility | 50 / 60 Hz |
| Output Receptacles | (24) C13; (6) C19 |
| Output Nominal Voltage | 200/208/240V |
| Overload Protection | 3 20A double-pole branch rated circuit breakers (1 per output phase) |
| Outlet Type | IEC-C13, IEC-C19 |
| Customized Load Management Receptacles | Each outlet is individually controllable via remote interface |
| INPUT | |
| PDU Input Voltage | 200; 208; 240 |
| Maximum Input Amps | 24 |
| PDU Plug Type | NEMA L21-30P |
| Input Cord Length (ft.) | 6 |
| Input Cord Length (m) | 1.8 |



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|--|--|
| Input Phase | 3-Phase |
| USER INTERFACE, ALERTS & CONTROLS | |
| Front Panel LEDs | 2-digit current meter display reports output amps, watts, unbalanced load percentage, temperature, humidity and IP address self-identification |
| Switches | Pushbutton scroll switch enables local display of per phase output current, load level, unbalanced load percentage, temperature, humidity, display rotate and display IP address functions |
| PHYSICAL | |
| Shipping Dimensions (hwd / in.) | 75.8 x 6.9 x 9.7 |
| Shipping Dimensions (hwd / cm) | 192.5 x 17.5 x 24.6 |
| Shipping Weight (lbs.) | 23.9 |
| Shipping Weight (kg) | 10.9 |
| Unit Dimensions (hwd / in.) | 70 x 2.17 x 2.49 |
| Unit Dimensions (hwd / cm) | 177.8 x 5.5 x 6.3 |
| Unit Weight (lbs.) | 16.8 |
| Unit Weight (kg) | 7.6 |
| Material of Construction | Steel |
| 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 | |
| Operating Temperature Range | 32 to 122 (F), 0 to 50 (C) |
| Storage Temperature Range | 5 to 140 (F), -15 to 60 (C) |
| Relative Humidity | 5 to 95% non-condensing |
| Operating Elevation (ft.) | 0 to 10,000 (ft), 0 to 3000 (m) |
| COMMUNICATIONS | |
| SNMP Compatibility | Yes, pre-installed SNMPWEBCARD provides remote monitoring via web, telnet, SSH and SNMP management systems |
| CERTIFICATIONS | |
| Certifications | Tested to UL/CAN 60950-1 (USA, Canada), Class A (Emissions), NOM (Mexico), RoHS compliant, TAA Compliant |
| WARRANTY | |



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