

11.5kW 3-Phase Switched PDU, 200/220/230/240V Outlets (24 C13, 6 C19), IEC309 16/20A Red 360-415V input, 0U, TAA

MODEL NUMBER: PDU3XVS6G20



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 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. Highly accurate current metering offers +/-1% billing-grade current monitoring and recording ability for each output phase.

Features

- 11.5kW Switched 360/380/400/415V input 200/220/230/240V output PDU with built-in web/network interface
- IEC309 16/20A Red (3P+N+E) 360-415V 3 phase input with 6 ft. / 1.8m line cord
- 0U, 70 inch / 178cm vertical form factor
- 30 switched 200-240V outlets (24 C13, 6 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 and load levels per-phase

Highlights

- Switched 11.5kW 3-Phase 360/380/400/415V input 200/220/230/240V output PDU
- Reports voltage & load per-phase via ethernet interface
- 1% billing-grade accuracy; Digital display reports detailed status information
- 70in / 1778mm 0U vertical format; Toolless button-mount installation
- 24 C13 & 6 C19 single phase outlets; Plug-lock cable retention inserts keep power cables secure
- IEC309 16/20A Red (3P+N+E) 3 phase input; 6 ft. / 1.8m line cord
- TAA Compliant

Package Includes

- Switched, vertical rackmount PDU with pre-installed mounting buttons
- 24 C13/C14 and 6 C19/C20 Plug-lock cable retention inserts
- Spare installation buttons (2 9mm / 4 6mm), Mounting brackets
- Configuration cable
- Owner's manual



- Built-in local digital display and remote web/network interface reports detailed voltage, amperage and kilowatt output values per phase with additional reporting options for power unbalance percentage, IP address and sensor based temperature and humidity data (requires ENVIROSENSE sensor)
- In-rack environmental reporting with optional ENVIROSENSE temperature / humidity sensor and rack access notification with up to 4 optional SRSWITCH door sensors
- Local display supports electronic 180 degree display rotation for overhead or under-floor input cable orientation
- Supports user-specified alarm notification thresholds
- 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 | |
|-------------------------|---|
| UPC Code | 037332179807 |
| PDU Type | Switched |
| OUTPUT | |
| Output Capacity Details | 11.5kW (415/240V), 11.1kW (400/230V), 10.5kW (380/220V) total capacity; 16A max per output phase (L1-L2, L2-L3, L3-L1); 16A max per C19 outlet; 12A max (10A CE) max per C13 outlet |
| Frequency Compatibility | 50 / 60 Hz |
| Output Receptacles | (24) C13; (6) C19 |
| Output Nominal Voltage | 220 (380V input); 230 (400V input); 240 (415V input) |
| Overload Protection | n/a |
| INPUT | |



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| PDU Input Voltage | 380; 400; 415 |
| Recommended Electrical Service | 16A 400/230V with IEC309 16A Red (3P+N+E) outlet; 20A 415/240V with IEC309 20A Red (3P+N+E) outlet |
| Maximum Input Amps | 16 |
| PDU Plug Type | IEC-309 16/20A RED (3P+N+E) |
| Input Cord Length (ft.) | 6 |
| Input Cord Length (m) | 1.83 |
| Input Phase | 3-Phase |
| USER INTERFACE, ALERTS & CONTROLS | |
| Reported Load Segments | Reports input current per phase (L1, L2 and L3) and current for each output load bank (16A balanced max per B1, B2 and B3); Outlets are color-coded and labeled for phase and load bank identification; L1-N feeds black outlets (B1); L2-N feeds dark-gray outlets (B2); L3-N feeds light-gray outlets (B3) |
| Front Panel LCD Display | Large digital display reports Amperage, Kilowatts, Voltage, Unbalance percentage, Temperature* and Humidity* information (*requires ENVIROSENSE option); Small digital display provides detail on the measurement the large display is reporting: Input-phase (L#), Load bank (B#), Sensor (S#), Load unbalance (UB), Output power (OP) |
| Front Panel LEDs | Set of 6 LEDs identify the value displayed on the large digital display: Amperage (A), Kilowatts (kW), Voltage (V), Unbalance percentage (%UB), Temperature (T), Humidity (%RH); One additional LED for each output receptacle offers power availability information: GREEN (Power ON, load bank capacity <80%), YELLOW (Power ON, load bank capacity >80%), RED (Power OFF/undervoltage), RED FLASHING (Power OFF/breaker trip) |
| Switches | Set of UP/DOWN arrow buttons scroll through available Input, Bank, Power, Load balance and Sensor options; Additional MODE button advances the LEDs to view the next measurement |
| PHYSICAL | |
| Shipping Dimensions (hwd / in.) | 75.870 x 9.650 x 6.890 |
| Shipping Dimensions (hwd / cm) | 192.71 x 24.51 x 17.50 |
| Shipping Weight (lbs.) | 21.0300 |
| Shipping Weight (kg) | 9.54 |
| Unit Dimensions (hwd / in.) | 70 x 2.17 x 2.86 |
| Unit Dimensions (hwd / cm) | 177.8 x 5.51 x 7.3 |
| Unit Weight (lbs.) | 14.50 |
| Unit Weight (kg) | 6.58 |
| 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) |
| ENVIRONMENTAL | |
| Operating Temperature Range | 32 to 122F (0C to 50C) |
| Storage Temperature Range | 5 to 140F (-15C to 60C) |
| Relative Humidity | 5 to 95% non-condensing |
| Operating Elevation (ft.) | 0-10,000 |



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| Operating Elevation (m) | 0-3000 |
| CERTIFICATIONS | |
| Certifications | Tested to UL60950-1 (USA), CSA (Canada), NOM (Mexico), CE (EN 60950-1), CE / FCC Class A (Emissions), RoHS (Hazardous Substances), TAA Compliant |
| WARRANTY | |
| Product Warranty Period (Worldwide) | 2-year limited warranty |

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