3-Phase Switched PDU, 11.5kW, 30 200/220/230/240V outlets (24 C13, 6 C19), Per-phase current metering, IEC309 20A Red (3P+N+E) 360/380/400/415V input, 0U vertical mount, TAA Compliant

MODEL NUMBER: **PDU3XVS6G20**

Highlights

- Switched 10/10.5/11.1/11.5kW 3-Phase 360/380/400/415V input 200/220/230/240V output PDU
- Reports voltage, frequency & 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 16A Red (3P+N+E) 3 phase input; 6 ft. / 1.8m line cord
- TAA Compliant

Applications

Ideal for 3-phase network configurations in datacenters and heavily configured equipment racks.

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

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

- 10/10.5/11.1/11.5kW Switched 360/380/400/415V input 200/220/230/240V output PDU with built-in web/network interface
- IEC309 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
- 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, Telnet, SSH, FTPP, 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	Total capacity 11.5kW (415/240V), 11.1kW (400/230V), 10.5kW (380/220V), 10kW (360/200V); 20A max output per phase, 16A max per C19 outlet, 12A max per C13 outlet
Output Capacity Details	Phase L1-N (16A max) feeds load bank #1, Phase L2-N (16A max) feeds load bank #2, Phase L3-N (16A max) feeds breakered load bank #3
Frequency Compatibility	50 / 60 Hz
Output Nominal Voltage	Single phase 240V (415V), 230V (400V), 220V (380V), 200V (360V)
Outlet Quantity / Type	30 total - 24 C13 (8 per phase), 6 C19 (2 per phase)
Number of Outlets	30
Outlet Type	IEC-C13, IEC-C19

INPUT	
PDU Input Voltage	380; 400; 415
Recommended Electrical Service	16A 360/380/400/415V 3 phase
Maximum Input Amps	16
PDU Plug Type	IEC-309 16/20A RED (3P+N+E)

Input Cord Length (ft.)	6
Input Cord Length (m)	1.8
Input Phase	3-Phase
PHYSICAL	
Shipping Dimensions (hwd / in.)	6.9 x 9.7 x 75.9
Shipping Dimensions (hwd / cm)	17.5 x 24.6 x 192.8
Shipping Weight (lbs.)	21.3
Shipping Weight (kg)	9.6
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.)	14.5
Unit Weight (kg)	6.6
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	0C to 50C; +32F to +122F
Storage Temperature Range	-15C to 60C; +5F to 140F
Relative Humidity	0-95% non-condensing
Operating Elevation (m)	0 to 3000m (0 to 10,000 ft.)
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