3-Phase Switched PDU, 5.8 kW, 30 208V outlets (24 C13, 6 C19) per-phase current metering, 6 ft. Cord, NEMA L21-20P 20A 208V input, 0U vertical mount, TAA Compliant

MODEL NUMBER: **PDU3VS6L2120**

Description

Tripp Lite's PDU3VS6L2120 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

- 5.8kW 3 phase 208V input, 208V output Switched Power Distribution Unit / PDU with built-in web/network interface and multi-function digital display
- Attached NEMA L21-20P 208V 3 phase input; 6 ft. / 1.8m cord
- 0U, 70in / 178cm vertical form factor
- 30 switched 208V 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 outlet, per breaker and per phase with

Highlights

- Switched 5.8kW 3 Phase 208V 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 L21-20P 208V 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

additional reporting options for power unbalance percentage, IP address and sensor-based temperature and humidity data (requires ENVIROSENSE sensor)

- 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, 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

SELECTOR	
Selector Type	PDU'S

General Info	
Product Group	PDUS

SELECTOR	
Digital Load Meter	Yes
Redundant Power Cords	No
SNMP Compatible	Yes

OVERVIEW	
Style	Vertical rackmount
PDU Type	Switched

OUTPUT	
Output Capacity Details	5.8kW (208V), 6.1kW (220V), 6.4kW (230V), 6.7kW (240V), 5.5kW (200V), 9.24A 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	208V, 220V, 230V, 240V, 200V single phase
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
Customized Load Management Receptacles	Each outlet is individually controllable via remote interface
Individual Outlet Switching	Yes

INPUT	
PDU Input Voltage	200; 208; 220; 230; 240
Maximum Input Amps	16
PDU Plug Type	NEMA L21-20P
Input Cord Length (ft.)	6
Input Cord Length (m)	1.8
Input Phase	3-Phase

LEDS ALARMS & SWITCHES	
Switches	Pushbutton scroll switch enables local power consumption display of per-phase output current, total load level, unbalanced load percentage, temperature, humidity, display rotate and display IP address functions
Front Panel LEDs	2-digit current meter display reports output amps, watts, unbalanced load percentage, temperature, humidity and IP address self-identification

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.)	20.9
Shipping Weight (kg)	9.5
Unit Dimensions (hwd / in.)	70 x 2.17 x 2.86
Unit Dimensions (hwd / cm)	177.8 x 5.5 x 7.3
Unit Weight (lbs.)	14.22
Unit Weight (kg)	6.5
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

SPECIAL FEATURES	
Console Server Demo Flag	0
US & Canada Only Flag	0
KVM Demo Flag	0

CERTIFICATIONS	
Certifications	Tested to UL/CAN 60950-1 (USA, Canada), Class A (Emissions), NOM (Mexico), RoHS compliant, TAA Compliant

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