1000 Eaton Boulevard
Cleveland, OH 44122
United States

5.7kW 3-Phase Monitored PDU, 208V Outlets (30 C13 & 6 C19), L21-20P, 10ft Cord, 0U Vertical

MODEL NUMBER: **PDU3VN10L2120**





Highlights

- Monitored 5.7kW 3 Phase 208V PDU; 70 in. / 178cm 0U vertical rackmount
- Reports voltage, frequency and load per-phase via built in ethernet interface
- Visual current meter; Toolless button-mount installation
- NEMA L21-20P 20A (3P+N+E) 208V 3 phase input; 10 ft. / 3m line cord
- 30 C13 & 6 C19 single phase outlets; Included cord retention brackets
- Temperature, humidity and contact closure monitoring options

Package Includes

- Monitored rackmount PDU with pre-installed mounting buttons
- Cord retention brackets
- Spare installation buttons (2 9mm / 4 6mm)
- Rack mounting brackets
- Owner's manual

Description

Tripp Lite 3 phase Monitored PDU / Power Distribution Unit offers real-time remote monitoring of voltage, frequency and load levels via built-in network connection. PowerAlert interface supports custom notification of user-specified remote conditions via email, secure web, SNMP, Telnet or SSH interface. PDU output current consumption in amps is displayed per-phase via front panel lighted digital display and can be monitored remotely to warn of potential overloads before critical IT mains breakers trip.

Features

- 5.7kW 3 phase 208V Monitored Power Distribution Unit / PDU with built-in web/network interface
- Attached NEMA L21-20P 20A (3P+N+E) 208V 3 phase input plug with 10 ft. / 3m cord
- 0U, 70 in. / 178cm vertical form factor supports installation in 2 or 4 post equipment racks
- 36 total 208V outlets (30 C13, 6 C19) arranged in three single phase output load banks
- Lighted display with scroll-button reports power consumption in amps for all 3 loading banks, IP-address self-identification and 180 degree display rotation for overhead or raised floor power feeds
- Built-in SNMP/ethernet interface reports voltage, frequency and PDU loading per-phase via network or secure web browser interface with options for user specified alarm and notification thresholds
- Supports 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
- 10/100 Mbps auto-sensing allows optimal communication with 10/100 Base-T networks
- 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 for monitoring
- 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

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- Included cord retention brackets keep vital network equipment plugged in and continuously powered
- 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)
- TAA Compliant Version Available - Order Tripp Lite PDU3VN10L212TAA

Specifications

OVERVIEW	
UPC Code	037332149848
PDU Type	Monitored
INPUT	
Input Phase	3-Phase
Recommended Electrical Service	20A 208V with NEMA L21-20R outlet
Maximum Input Amps	16
Maximum Input Amps Details	Agency de-rated to 16A continuous
PDU Plug Type	NEMA L21-20P
Input Cord Length (ft.)	10
Input Cord Length (m)	3.05
OUTPUT	
Output Capacity Details	5.7kW (208V) total capacity / 9.2A max per output phase (L1-L2, L2-L3, L3-L1)
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(30) C13; (6) C19
Output Nominal Voltage	208
USER INTERFACE, ALERTS & CONTROLS	
Reported Load Segments	Supports local monitoring of current for each output phase (9.2A max per L1-L2, L2-L3, L3-L1 balanced); BANK "L1" is powered by L1-L2 (outlets 1-12); BANK "L2" is powered by L2-L3 (outlets 13-24); BANK "L3" is powered by L3-L1 (outlets 25-36)
Front Panel LCD Display	Digital display reports output load level in amps separately for each output phase; 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
Switches	SELECT switch advances the digital display and LED to report power consumption for load segments L1, L2 and L3 (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%

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Power Measurement Accuracy (Watts)	+/-1%
SURGE / NOISE SUPPRESSION	
Automatic Shut-Off	No
PHYSICAL	
Material of Construction	Metal
Form Factors Supported	Vertical rackmount installation supported with included mounting brackets; supports tooless mounting in button-mount compatible racks
PDU Form Factor	Vertical (0U)
Shipping Dimensions (hwd / in.)	7.25 x 9.25 x 76.00
Shipping Dimensions (hwd / cm)	18.42 x 23.50 x 193.04
Shipping Weight (lbs.)	17.50
Shipping Weight (kg)	7.94
Unit Dimensions (hwd / in.)	70.000 x 2.190 x 3.260
Unit Dimensions (hwd / cm)	177.8 x 5.6 x 4.24
Unit Weight (lbs.)	10.1
Unit Weight (kg)	4.58
ENVIRONMENTAL	
Operating Temperature Range	37 to 122F (0C to 50C)
Storage Temperature Range	-30°C to +60°C (-22°F to +140°F)
Relative Humidity	5-95% non condensing
Operating Elevation (ft.)	0-10,000
Operating Elevation (m)	0-3000
COMMUNICATIONS	
PowerAlert Software	SNMPWEBCARD Interface: PowerAlert 12
Communications Cable	RJ45-to-DB9 configuration/console Access cable
Network Compatibility	10 Mbps; 100 Mbps (Fast Ethernet)
STANDARDS & COMPLIANCE	
TAA Compliant Option	TAA Compliant Version Available - Order Tripp Lite PDU3VN10L212TAA
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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