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## Model #: PDU3VN10L2120LV

**Monitored PDU supports real-time remote monitoring of load level, voltage and frequency with options for remote environmental and security monitoring, 5.7 kW, 36 outlets (NEMA 5-15/20R) 10-ft. Cord, NEMA L21-20P 20A input connection**



### Highlights

- Monitored 5.7kW 3 Phase 208V PDU in 70 in. / 178cm 0U vertical mounting format
- Reports voltage, frequency and PDU load per-phase via built in ethernet interface
- Visual current meter displays load level in amps for selected output phase
- 36 output receptacles arranged in 3 output load banks
- NEMA L21-20P 20A (3P+N+E) 208V 3 phase input plug, 36 NEMA 5-15/20R single phase 120V outlets
- Temperature, Humidity, and sensor monitoring when used with ENVIROSENSE and SRSWITCH options
- Includes cord retention brackets and toolless button-mounting; 10 ft. / 3m line cord

### Description

PDU3VN10L2120LV Monitored 3 phase 208V Zero U vertical rack PDU supports 5.7kW total output capacity. Includes 10 ft. / 3m input cord with NEMA L21-20P 20A (3P+N+E) 208V 3 phase input plug and 36 120V outlets arranged in 3 single phase output load banks. Each output loading bank contains 12 NEMA 5-15/20R outlets. Visual meter with scroll button and PowerAlert remote monitoring interface enables real-time current monitoring for each output phase. Supports 0U vertical rackmount installation with included mounting accessories. Toolless button-mount installation supported in compatible racks. Included cord retention brackets keep vital network equipment plugged in and continuously powered.

Tripp Lite 3 phase Monitored PDU / Power Distribution Unit offers real-time remote monitoring of voltage, frequency and load levels via secure web, SNMP or Telnet interface and whole rack AC power distribution. 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. Supports in-rack environmental and security monitoring for advanced configurations with optional ENVIROSENSE temperature / humidity probe and rack access notification for up to 4 door sensors (SRSWITCH) or other user-supplied contact-closure sensors. Lighted display with scroll-button offers 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. Supports real-time monitoring of all reported functions with support for user-specified alarm and notification thresholds. Fully compatible with PowerAlert Network Management System / NMS Software, available via FREE download from [www.tripplite.com](http://www.tripplite.com)

#### Applications

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

#### Package Includes

- Monitored rackmount PDU with pre-installed mounting buttons
- Cord retention brackets
- Rack mounting brackets
- Owner's manual

### 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 inch / 178cm vertical form factor supports installation in 2 or 4 post equipment racks
- 36 total NEMA 5-15/20R 120V outlets arranged in three single phase output load banks

- Lighted display with scroll-button offers 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
- Supports logging of all power events with user specified alarm and notification thresholds for load levels and site voltage conditions
- Supports in-rack environmental and security monitoring for advanced configurations with optional ENVIROSENSE temperature / humidity probe and rack access notification for up to 4 door sensors (SRSWITCH) or other user-supplied contact-closure sensors.
- DHCP/Manual configuration support provides the ability to have network settings automatically assigned to the card, or manually assigned a static IP addresses
- 10/100 Mbps auto-sensing allows optimal communication compatibility with your current 10/100 Base-T network
- Real-time clock backup maintains the time of day and date even if the PDU is shut down and unpowered
- Tiered access privileges allow an administrator and a guest to log into the web browser for monitoring all PDUs
- Alert notifications via email or SNMP traps give users the added advantage of having an immediate event notification
- Firmware upgrade ability supports future product enhancements.
- Protocols supported include HTTP, HTTPS, PowerAlert Network Management System, SMTP, SNMPv1, SNMPv2, Telnet, SSH, FTP, DHCP, BOOTP, NTP
- Fully compatible with PowerAlert Network Management System / NMS Software, available via FREE download from [www.tripplite.com](http://www.tripplite.com)
- 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

## Specifications

SYSTEM OVERVIEW	
Voltage compatibility (VAC)	3-Phase; 208
OUTPUT	
Output Capacity Details	5.7kVA total
Frequency compatibility	50 / 60 Hz
Output nominal voltage	120V single phase
Outlet quantity / type	36 NEMA 5-15/20R outlets
INPUT	
Recommended Electrical Service	208V 3 phase
Maximum Input Amps (A)	16A
Input connection type	NEMA L21-20P 20A (3P+N+E)
Plug Type	NEMA L21-20P 20A (3P+N+E)
Input cord length (ft.)	10
LEDS ALARMS & SWITCHES	
Switches	Pushbutton switches enable local display of each phase separately, display rotate and display IP address functions
Front panel LEDs	2 Digit current meter display reports output amps per phase and IP address
PHYSICAL	
Shipping weight (lbs)	17.3
Shipping weight (kg)	7.9
Unit Dimensions (HWD/in)	70 x 2.19 x 3.26
Unit Dimensions (HWD/cm)	177.8 x 5.6 x 8.3
Shipping Dimensions (HWD/in)	6.6 x 9.3 x 75.5

<b>Shipping Dimensions (HWD/cm)</b>	16.8 x 23.6 x 191.8
<b>Unit weight (lbs)</b>	10.1
<b>Unit weight (kg)</b>	4.6
<b>Material of construction</b>	Steel
<b>Style</b>	Vertical rackmount
<b>Form factors supported</b>	Vertical rackmount installation supported with included mounting brackets; supports toolless mounting in button-mount compatible racks
<b>ENVIRONMENTAL</b>	
<b>Relative Humidity</b>	0-95% non-condensing
<b>CERTIFICATIONS</b>	
<b>Certifications</b>	Tested to UL60950-1 (USA, Canada), NOM (Mexico), Class A (Emissions), ROHS
<b>WARRANTY</b>	
<b>Product Warranty Period (U.S., Canada &amp; Puerto Rico)</b>	2-year limited warranty

## Related Items

### Optional Products

Product Type	Related Model	Description	Qty.
Power Cables	<a href="#">P044-061</a>	6-inch 12AWG Heavy Duty Power Adapter cord (NEMA-L5-20R to NEMA-5-20P)	-
Power Cables	<a href="#">P049-010</a>	10-ft. 12AWG Heavy Duty Power cord (IEC-320-C19 to NEMA 5-20P)	-
Power Cables	<a href="#">P007-002</a>	2-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	-
Power Cables	<a href="#">P007-006</a>	6-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	-
Power Cables	<a href="#">P007-010</a>	10-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	-
Environmental Monitoring	<a href="#">ENVIROSENSE</a>	Monitors temperature, humidity and contact-closure inputs. (Requires SNMPWEBCARD or switched PDU.)	-
SNMP Accessories	<a href="#">SRSWITCH</a>	Rack door sensor (Max. 4); Requires ENVIROSENSE	-

More information, including related products, owner's manuals, and additional technical specifications, can be found online at [www.tripplite.com/en/products/model.cfm?txtModelID=4699](http://www.tripplite.com/en/products/model.cfm?txtModelID=4699).

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