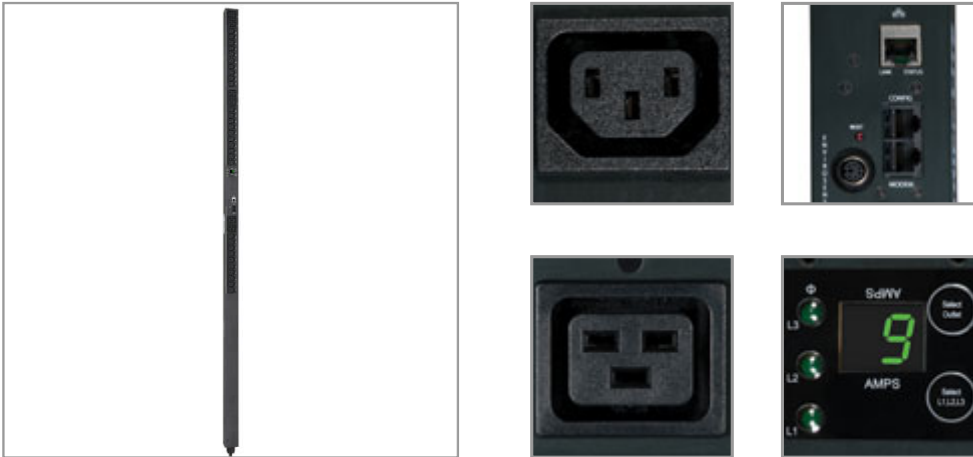


## 5.7kW 3-Phase Monitored PDU, 208V Outlets (30 C13 & 6 C19), L21-20P, 3ft Cord, 0U Vertical

MODEL NUMBER: PDU3VN3L2120



### 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 3 ft. / 1m 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
- 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

### 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; 3 ft. / 1m 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



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other mounting applications (set of 2 9mm buttons pre-installed, 2 9mm and 4 6mm spare buttons included)

## Specifications

| OVERVIEW                             |                                                                                                                                                                                                                                                                                             |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UPC Code                             | 037332158208                                                                                                                                                                                                                                                                                |
| 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 Details                   | Cord length specifications are nominal and subject to manufacturing variance                                                                                                                                                                                                                |
| Input Cord Length (ft.)              | 3                                                                                                                                                                                                                                                                                           |
| Input Cord Length (m)                | 0.91                                                                                                                                                                                                                                                                                        |
| 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; Press and hold the SELECT switch to rotate the digital display 90 degrees for overhead power input; Press and hold the SCROLL IP button to scroll the configured IP address |
| Current Measurement Accuracy (Amps)  | +/-1%                                                                                                                                                                                                                                                                                       |
| Voltage Measurement Accuracy (Volts) | +/-1%                                                                                                                                                                                                                                                                                       |
| Power Measurement Accuracy (Watts)   | +/-1%                                                                                                                                                                                                                                                                                       |



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| SURGE / NOISE SUPPRESSION           |                                                                                                                                        |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Automatic Shut-Off                  | No                                                                                                                                     |
| PHYSICAL                            |                                                                                                                                        |
| 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)                                                                                                                          |
| Shipping Dimensions (hwd / in.)     | 6.61 x 9.25 x 75.47                                                                                                                    |
| Shipping Dimensions (hwd / cm)      | 16.79 x 23.50 x 191.69                                                                                                                 |
| Shipping Weight (lbs.)              | 15.00                                                                                                                                  |
| Shipping Weight (kg)                | 6.80                                                                                                                                   |
| 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.)                  | 7.2                                                                                                                                    |
| Unit Weight (kg)                    | 3.27                                                                                                                                   |
| ENVIRONMENTAL                       |                                                                                                                                        |
| Storage Temperature Range           | -15°C to +50°C (+5°F to +122°F)                                                                                                        |
| Relative Humidity                   | 5-95% non condensing                                                                                                                   |
| Operating Elevation                 | 0-10,000                                                                                                                               |
| 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 PDU3EVN6L2120                                                                       |
| WARRANTY & SUPPORT                  |                                                                                                                                        |
| Product Warranty Period (Worldwide) | 2-year limited warranty                                                                                                                |