# 14.5kW 3-Phase Monitored PDU, 200/208/240V Outlets (42 C13 & 6 C19), IEC-309 60A Blue, 3 ft. Cord, 0U Vertical, TAA

MODEL NUMBER: **PDU3VN3G60**



High-capacity 14.5kW PDU powers high-density data center equipment racks. LED display and Ethernet interface help you monitor load levels with billing-grade accuracy to prevent PDU and circuit overloads that cause downtime.

## Description

The PDU3VN3G60 14.5kW 3-Phase Monitored PDU features 48 outlets for distributing network-grade 200/208/240V AC power to rack-mounted network devices, including computers, servers, routers and switches. Outlets are arranged in three separate load banks, each with 16 outlets (14 C13 and two C19) and a dedicated 20A circuit breaker.

A built-in SNMPWEBCARD enables full remote access for power monitoring, configuration, control and notifications 24 hours a day via secure web browser, telnet or SSH, as well as real-time load/current data with billing-grade accuracy (+/- 1 percent). Tiered access privileges allow both an administrator and a guest to log in. Automated alerts help prevent accidental overloads, power loss and downtime. Digital LED display indicates amps, kilowatts, volts and power unbalance percentage, as well as temperature and humidity conditions when using the optional ENVIROSENSE module (sold separately).

Protocols supported include HTTP, HTTPS, PowerAlert®, SMTP, SNMPv1, SNMPv2, SNMPv3, telnet, SSH, FTP, DHCP, BOOTP and NTP. Network settings can be assigned automatically or manually.

Ideal for three-phase network configurations in high-density data centers and heavily configured equipment racks, the PDU3VN3G60 mounts vertically in 0U of rack space using the pre-installed buttons or included hardware. The IEC-309 60A Blue (3P+E) input plug with three-foot cord connects to a compatible AC power source, generator or protected UPS.

## Features

**Distributes Network-Grade Power**

## Highlights

- Ideal for 3-phase configurations in high-density data centers
- 3-phase input and single-phase 200/208/240V output
- 48 outlets (42 C13, 6 C19) in 3 load banks with 20A breakers
- Ethernet network interface for full remote access 24/7
- Digital LED display for local load monitoring

## Package Includes

- PDU3VN3G60 14.5kW 200/208/240V 3-Phase Monitored PDU, 3 ft. cord
- (42) C13/C14 plug-lock inserts
- (6) C19/C20 plug-lock inserts
- Spare mounting buttons
- (2) Conventional mounting brackets
- Configuration cable for network interface
- Button/bracket-mounting hardware
- Owner's manual

- 42 C13 and 6 C19 outlets distribute network-grade power to connected equipment
- 3 load banks with individual 20A circuit breakers
- Outlets numbered and color-coded for easy identification of phase and load bank

**Multi-Function Digital LED Display**
- Indicates amps, watts, volts, power unbalance percentage, as well as selected input phase, load bank, output power and sensor option
- Rotates 180° for overhead or raised-floor power feeds

**Advanced Network Monitoring**
- Built-in SNMPWEBCARD enables full remote access for power monitoring, configuration and control via secure web browser, telnet or SSH
- Real-time load/current data with billing-grade accuracy (+/- 1%)
- Tiered access allows administrator and guest to log in
- Automated alerts help prevent accidental overloads, power loss and downtime
- Optional ENVIROSENSE module (sold separately) monitors temperature and humidity conditions

**Broad Communications Compatibility**
- Supports HTTP, HTTPS, PowerAlert, SMTP, SNMPv1, SNMPv2, SNMPv3, telnet, SSH, FTP, DHCP, BOOTP and NTP
- Network settings can be automatically or manually assigned via permanent IP addresses

**Connects to AC Power Source**
- IEC-309 60A Blue (3P+E) input plug with 3 ft. cord for connection to mains power source, generator or protected UPS
- Plug-lock inserts keep equipment power cords connected to outlets

**Ready for Immediate 0U Toolless Rack-Mounting**
- Pre-installed buttons for toolless mounting in compatible EIA-standard 2-post and 4-post racks
- Conventional 0U installation possible with included mounting hardware

**TAA-Compliant**
- Complies with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

# Specifications

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|---|---|
| **OVERVIEW** | |
| UPC Code | 037332195524 |
| PDU Type | Monitored |
| **INPUT** | |
| Input Phase | 3-Phase |
| Recommended Electrical Service | 60A 208/240V with IEC309 60A Blue (3P+E) outlet |
| Maximum Input Amps | 35 |

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|---|---|
| Maximum Input Amps Details | Agency de-rated to 35A continuous |
| PDU Plug Type | IEC-60309 60A BLUE (3P+E) |
| 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 | 14.5kW (240V), 13.9kW (230V), 13.3kW (220V), 12.6kW (208V), 12.1kW (200V) total capacity; 20A max per breakered outlet bank; 16A max per C19 outlet; 12A max per C13 outlet |
| Frequency Compatibility | 50 / 60 Hz |
| Output Receptacles | (42) C13; (6) C19 |
| Output Nominal Voltage | 200; 208; 240 |
| Overload Protection | 3 20A circuit breakers, 1 per outlet bank |
| **USER INTERFACE, ALERTS & CONTROLS** | |
| Reported Load Segments | Reports input current per phase (L1, L2, L3) and output current for each breakered load bank (20A balanced max per banks B1-B3); Outlets are color-coded and labeled for phase and load bank identification; L1-L2 feeds black outlets (B1); L2-L3 feeds dark-gray outlets (B2); L3-L1 feeds light-gray outlets (B3) |
| Front Panel LCD Display | Large digital display reports Amperage, Kilowatts, Voltage, Unbalance percentage, Temperature* and Humidity* information (*requires ENIVIROSENSE option); Small digital display provides detail on the measurement the large display is reporting: Input-phase (L#), Load bank (B#), Sensor (S#), Load unbalance (UB), Output power (OP) |
| Front Panel LEDs | Set of 6 LEDs identify the value displayed on the large digital display: Amperage (A), Kilowatts (kW), Voltage (V), Unbalance percentage (%UB), Temperature (T), Humidity (%RH); One additional LED for each output load bank (B1-B3) offers information power availability: GREEN (<80% load), YELLOW (>80% load), RED (Power OFF), RED FLASHING (Power OFF/breaker trip) |
| Switches | Set of UP/DOWN arrow buttons scroll through available Input, Bank, Power, Load balance and Sensor options; Additional MODE button advances the LEDs to view the next measurement |
| Current Measurement Accuracy (Amps) | +/-1% |
| Voltage Measurement Accuracy (Volts) | +/-1% |
| 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 toolless mounting in button-mount compatible racks |
| PDU Form Factor | Vertical (0U) |
| Shipping Dimensions (hwd / in.) | 6.30 x 9.70 x 75.40 |
| Shipping Dimensions (hwd / cm) | 16.00 x 24.64 x 191.52 |
| Shipping Weight (lbs.) | 23.05 |

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|---|---|
| Shipping Weight (kg) | 10.46 |
| Unit Dimensions (hwd / in.) | 70.000 x 2.170 x 2.490 |
| Unit Dimensions (hwd / cm) | 177.8 x 5.512 x 6.325 |
| Unit Weight (lbs.) | 17.01 |
| Unit Weight (kg) | 7.72 |
| **ENVIRONMENTAL** | |
| Operating Temperature Range | 32 to 122F (0 to 50C) |
| Storage Temperature Range | 5 to 140F (-15 to 60C) |
| 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) |
| **WARRANTY & SUPPORT** | |
| Product Warranty Period (Worldwide) | 2-year limited warranty |

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