1000 Eaton Boulevard
Cleveland, OH 44122
United States

18.7kW 3-Phase Monitored PDU, 200/208/240V Outlets (36-C13), IEC-309 60A Blue, 6 ft Cord, 0U Vertical, TAA

MODEL NUMBER: **PDU3VN6G60C**









Description

Tripp Lite 3 phase Monitored PDU / Power Distribution Unit offers real-time remote monitoring of voltage 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

- 18.7kW 3 phase 200/208/240V Monitored Power Distribution Unit / PDU with built-in web/network interface
- IEC-309 Blue 60A (3P+E) 3 phase input; 6 ft. / 1.8m cord
- 0U, 70 inch / 178cm vertical form factor
- 36 200/208/240V C13 outlets in 6 separately breakered 20A single phase load banks
- Network interface provides PDU data regarding input voltage and per-phase load levels with +/-1% billing-grade accuracy
- Built-in local digital display and remote web/network interface reports detailed voltage, amperage and kilowatt output values per breakered bank and per phase with additional reporting options for power unbalance percentage, IP address and sensor* based temperature and humidity data (*requires ENVIROSENSE sensor)
- In-rack environmental reporting with optional ENVIROSENSE temperature / humidity sensor and rack access notification with up to 4 optional SRSWITCH door sensors
- Local display supports electronic 180 degree display rotation for overhead or under-floor input cable orientation
- Supports user-specified alarm notification thresholds
- 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

Highlights

- Monitored 18.7kW 3 Phase 200/208/240V PDU; 70 in. / 178cm 0U vertical rackmount
- Reports voltage and load per-phase or per breakered load bank via Ethernet interface
- 1% billing-grade accuracy, Multi-function digital display, Environmental monitoring options
- IEC-309 Blue 60A (3P+E) 200/208/240V 3 phase input; 6 ft. / 1.8m line cord
- 36 C13 single phase outlets with Plug-lock cable retention sleeves
- TAA Compliant

Package Includes

- Monitored rackmount PDU with pre-installed mounting buttons
- 36 C13/C14 Plug-lock cable retention sleeves
- Spare installation buttons (2 9mm / 4 6mm)
- Rack mounting brackets
- Owner's manual

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- 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, SNMPv3, 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 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

OVERVIEW	
UPC Code	037332180964
PDU Type	Monitored
INPUT	
Input Phase	3-Phase
Recommended Electrical Service	60A 208/240V with IEC309 60A Blue (3P+E) outlet
Maximum Input Amps	45
Maximum Input Amps Details	Agency de-rated to 45A continuous
PDU Plug Type	IEC-309 60A BLUE (3P+E)
Input Cord Length (ft.)	6
Input Cord Length (m)	1.83
OUTPUT	
Output Capacity Details	18.7kW (240V), 17.9kW (230V), 17.1 (220V), 16.2 (208V), 15.6kW (200V) total capacity; 26A max per output phase (L1-L2, L2-L3, L3-L1); 20A max per breakered outlet bank; 12A max per C13 outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(36) C13
Output Nominal Voltage	200; 208; 240
Overload Protection	6 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 (B1-B6); Outlets are color-coded and labeled for phase and load bank identification; L1-L2 feeds black outlets (B1 & B4); L2-L3 feeds dark-gray outlets (B2 & B5); L3-L1 feeds light-gray outlets (B3 & B6)
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)

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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-B6) 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.)	6.89 x 9.65 x 75.87
Shipping Dimensions (hwd / cm)	17.50 x 24.51 x 192.71
Shipping Weight (lbs.)	24.43
Shipping Weight (kg)	11.08
Unit Dimensions (hwd / in.)	70.000 x 2.170 x 2.490
Unit Dimensions (hwd / cm)	177.8 x 5.5 x 6.3
Unit Weight (lbs.)	18.70
Unit Weight (kg)	8.48
ENVIRONMENTAL	
Operating Temperature Range	32 to 122F (0C to 50C)
Storage Temperature Range	5 to 140F (-15C to 60C)
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
SNMP Compatibility	Yes, pre-installed SNMPWEBCARD provides remote monitoring via web, telnet, SSH and SNMP management systems

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Network Compatibility	10 Mbps; 100 Mbps (Fast Ethernet)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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