

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

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



- 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
- 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
OUTPUT	
Frequency Compatibility	50 / 60 Hz
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
Output Receptacles	(36) C13
Output Nominal Voltage	200; 208; 240
Overload Protection	6 20A circuit breakers, 1 per outlet bank
INPUT	
PDU Input Voltage	200; 208; 240
Recommended Electrical Service	60A 208/240V with IEC309 60A Blue (3P+E) outlet
Maximum Input Amps	45
PDU Plug Type	IEC-309 60A BLUE (3P+E)
Input Phase	3-Phase
Input Cord Length (ft.)	6



Input Cord Length (m)	1.83
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 ENVIROSENSE 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-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
PHYSICAL	
Shipping Dimensions (hwd / in.)	75.87 x 9.65 x 6.89
Shipping Dimensions (hwd / cm)	192.71 x 24.51 x 17.50
Shipping Weight (lbs.)	25.43
Shipping Weight (kg)	11.53
Unit Dimensions (hwd / in.)	70 x 2.17 x 2.49
Unit Dimensions (hwd / cm)	177.8 x 5.5 x 6.3
Unit Weight (lbs.)	18.70
Unit Weight (kg)	8.48
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)
ENVIRONMENTAL	
Operating Temperature Range	32 to 122F (0C to 50C)
Storage Temperature Range	5 to 140F (-15C to 60C)
Relative Humidity	5 to 95% non-condensing
Operating Elevation (ft.)	0-10,000
Operating Elevation (m)	0-3000
COMMUNICATIONS	
SNMP Compatibility	Yes, pre-installed SNMPWEBCARD provides remote monitoring via web, telnet, SSH and SNMP management systems
CERTIFICATIONS	



Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

Certifications	Tested to UL 60950-1 (USA, Canada), Class A (Emissions), NOM (Mexico), RoHS compliant, TAA Compliant
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty

© 2019 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies: <https://www.tripplite.com/products/product-certification-agencies>