1000 Eaton Boulevard
Cleveland, OH 44122
United States

8.6kW 3-Phase Monitored PDU, 208/120V Outlets (36 C13, 6 C19, 3 5-15/20R), L21-30P, 6ft Cord, 0U Vertical, TAA

MODEL NUMBER: **PDU3VN6L2130**



Highlights

- Monitored 8.6kW 3 Phase 208V input / 208 & 120V output PDU in 70 in. / 178cm 0U vertical mounting format
- Reports voltage and load per-phase via built in ethernet interface
- 1% billing-grade accuracy, Multi-function digital display, Environmental monitoring options
- NEMA L21-30P 30A 208V 3 phase input; 6 ft. / 1.8m line cord
- 36 C13 & 6 C19 (208V) & 3 NEMA 5-15/20R (120V) single phase outlets; Plug-lock cable retention sleeves
- TAA Compliant

Package Includes

- Monitored rackmount PDU with pre-installed mounting buttons
- Spare installation buttons (2 9mm / 4 6mm)
- Rack mounting brackets
- Owner's manual

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

- 8.6kW 3 phase 208V input / 208 & 120V output Monitored Power Distribution Unit / PDU with built-in web/network interface
- Attached NEMA L21-30P 30A 200-240V 3 phase input plug with 6 ft. / 1.8m cord
- 0U, 70 in. / 178cm vertical form factor supports installation in 2 or 4 post equipment racks
- 45 total outlets (208V: 36 C13, 6 C19; 120V: 3 NEMA 5-15/20R) arranged in three breakered single phase output load banks
- Network interface provides PDU data regarding input voltage and per-phase load levels with +/-1% billing-grade accuracy
- 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 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

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- 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 & C20 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	037332180995
PDU Type	Monitored
INPUT	
Input Phase	3-Phase
Recommended Electrical Service	30A 208V with L21-30R outlet
Maximum Input Amps	24
Maximum Input Amps Details	Agency de-rated to 24A continuous
PDU Plug Type	NEMA L21-30P
Input Cord Length (ft.)	6
Input Cord Length (m)	1.83
OUTPUT	
Output Capacity Details	8.6kW (208V) total capacity; 13.9A max per breakered outlet bank; 12A max per C13 outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacle Details	5-15/20R outlets provide 120V output; C13 and C19 outlets provide 208V output
Output Receptacles	(3) 5-15/20R; (36) C13; (6) C19
Output Nominal Voltage	120; 208
Overload Protection	3 20A circuit breakers, one per output load bank
USER INTERFACE, ALERTS & CONTROLS	
Reported Load Segments	Supports monitoring of input current per phase (L1, L2, L3) and output current for each output load bank (B1-B6); Outlets are color-coded and labeled for phase and load bank identification; L1-L2 feeds black C13/C19 outlets (B1); L2-L3 feeds dark-gray C13/C19 outlets (B2); L3-L1 feeds light-gray C13/C19 outlets (B3); L1-N feeds black 5-20R outlet (B4); L2-N feeds dark-gray 5-20R outlet (B5); L3-N feeds light-gray 5-20R outlet (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); 3 additional multi-color LEDs offer power availability information for each pair of output load banks (Bank 1&4 / Bank 2&5 / Bank 3&6): 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 tooless mounting in button-mount compatible racks
PDU Form Factor	Vertical (0U)
Shipping Dimensions (hwd / in.)	6.30 x 9.70 x 75.80
Shipping Dimensions (hwd / cm)	16.00 x 24.64 x 192.53
Shipping Weight (lbs.)	23.80
Shipping Weight (kg)	10.80
Unit Dimensions (hwd / in.)	70.000 x 2.170 x 2.520
Unit Dimensions (hwd / cm)	177.8 x 5.5 x 6.4
Unit Weight (lbs.)	13.50
Unit Weight (kg)	6.12
ENVIRONMENTAL	
Operating Temperature Range	32 to 122F (0C to 50C)
Storage Temperature Range	-30°C to +60°C (-22°F to +140°F)
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
Network Compatibility	10 Mbps; 100 Mbps (Fast Ethernet)

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WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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