8.6kW 3-Phase Monitored Automatic Transfer Switch, 2 208V L21-30P Inputs, 1U (0U PDU Accessory Sold Separate)

MODEL NUMBER: **PDU330AT6L2130**







High-capacity 8.6kW PDU with ATS provides remote power monitoring and enables redundant power for network devices. LED display and Ethernet interface help you monitor load levels to prevent overloads that cause downtime.

Highlights

- Requires Tripp Lite 0U outlet accessory (sold separately)
- 3-phase L21-30P input and single-phase 208V output
- Automatic transfer switching within 1–6 ms
- Ethernet network interface for remote access
- Digital LED display for real-time status monitoring
- Patented ATS technology

Package Includes

- PDU330AT6L2130 8.6kW 3-Phase 208V ATS/Monitored PDU
- Rack installation brackets
- Configuration cable
- Owner’s manual

Description

The PDU330AT6L2130 8.6kW 3-Phase 208V Monitored Automatic Transfer Switch / ATS PDU provides remote power monitoring and enables redundant power for network devices with non-redundant power supply configurations. Working in tandem with a required 0U vertical outlet accessory (sold separate; choose from PDU3V20D354, PDU3V20D354A or PDU3V20D354B), the 1U PDU330AT6L2130 is ideal for data centers and server rooms. Tripp Lite’s breakthrough 3-phase rack ATS (U.S. Patent 9,467,006) provides rapid coordination of unsynchronized phases without dropping loads and operates with the high efficiency and reliability required for data center applications.

Dual 6-foot input cords with L21-30P plugs connect to separate primary and secondary 3-phase power sources. The PDU constantly evaluates the power quality of both input sources. Dynamic solid-state (TRIAC) automatic transfer switching allows the PDU to switch to the secondary source within 1–6 milliseconds should the primary source fail or become unstable to ensure your connected equipment operates without interruption.

Built-in Ethernet network interface allows remote access to the PDU for power monitoring, configuration, control and notifications via web browser, SSH, telnet or SNMP. Provides 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 power availability, voltage, source A/B input status, output load and power factor, as well as temperature and humidity conditions with the optional ENVIROSENSE module (sold separate).

Features

Primary and Secondary Inputs for Power Redundancy

- Provides remote power monitoring and enables redundant power for network devices with non-redundant power supply configurations
- Dual 6 ft. input cords with L21-30P plugs connect to separate primary and secondary 3-phase power sources

Automatic Transfer Switching

- Dynamic solid-state (TRIAC) automatic transfer switching
- Patented ATS technology provides rapid coordination of unsynchronized phases without dropping loads

- Switches to secondary power source if primary source fails or becomes unstable
- 1–6 ms transfer time ensures uninterrupted operation of connected equipment
- Built-in processor monitors both sources and prevents switching if secondary source is unavailable or of lower quality than primary source

Multifunction Digital LED Display
- Reports source A and source B input power status and other information, including power availability, line voltage, frequency, amps, kilowatts and power factor

Advanced Network Monitoring
- Built-in Ethernet network interface allows full remote access for power monitoring, configuration, control and notifications via web browser, SSH, telnet or SNMP
- 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
- Supports centralized management through NMS or DCIM platform
- Optional ENVIROSENSE module (sold separately) monitors temperature and humidity

Broad Communications Compatibility
- Supports HTTP, HTTPS, PowerAlert®, SMTP, SNMPv1, SNMPv2, SNMPv3, Telnet, SSH, FTP, DHCP, BOOTP and NTP

20A Circuit Breakers
- Protect each of three single-phase output banks
- Front-panel LED indicates when breaker has tripped

0U Vertical Outlet Accessory Required
- Requires separate installation of Tripp Lite PDU3V20D354, PDU3V20D354A or PDU3V20D354B (sold separately)
- Supports 0U toolless button-mount rack mounting

Mounts Horizontally in 1U of Rack Space
- Compatible with EIA-standard 19 in. 4-post racks and rack enclosures

Specifications

OVERVIEW	
UPC Code	037332191519
PDU Type	Monitored; Auto-Transfer Switch
INPUT	
Input Phase	3-Phase
Maximum Input Amps	24
Maximum Input Amps Details	Agency de-rated to 24A continuous

PDU Plug Type	(2) NEMA L21-30P
Input Cord Details	Set of 2 inputs enable connection to separate PRIMARY and SECONDARY power sources
Input Cord Length (ft.)	6
Input Cord Length (m)	1.83
OUTPUT	
Output Capacity Details	8.6kW (208V) total capacity; 13.9A max per output phase (L1-L2, L2-L3, L3-L1), 12A max per C13 outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacle Details	0U vertical output power distribution component is a required accessory; Order REQUIRED PDU accessory PDU3V20D354 (54 C13 outlets), PDU3V20D354A (42 C13 and 12 C19 outlets) or PDU3V20D354B (48 C13 and 6 C19 outlets)
Output Receptacles	C13; C19
Output Nominal Voltage	208
Overload Protection	3 20A double-pole breakers (1 per breakered outlet bank)
USER INTERFACE, ALERTS & CONTROLS	
Reported Load Segments	Supports local display of A & B line INPUT CURRENT, INPUT VOLTAGE & FREQUENCY per phase, OUTPUT CURRENT, KW, VOLTAGE & POWER FACTOR per phase, TOTAL OUTPUT POWER (kW), PHASE IMBALANCE (%), TEMPERATURE (C/F), FAULT CODE and SCROLL IP
Front Panel LCD Display	Large 3-character display reports data for reported values; Additional 2 character identifies the measurement value or specific location the displayed measurement applies
Front Panel LEDs	Set of 6 LEDs indicate A/B input PREFERRED, AVAILABLE & IN USE status; Set of 5 LEDs label the measurement value displayed (AMPS, KW, VOLTS, HZ & POWER-FACTOR); One additional red LED reports BREAKER TRIP status
Switches	MODE and ENTER buttons enable navigation and viewing of all reported information
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	Steel
Form Factors Supported	1U rackmount ATS module; Separate purchase 0u vertical mount PDU outlet distribution bar sold separate (3 options available)
PDU Form Factor	Horizontal (1U)
Shipping Dimensions (hwd / in.)	5.00 x 27.95 x 41.54
Shipping Dimensions (hwd / cm)	12.70 x 70.99 x 105.51
Shipping Weight (lbs.)	42.55
Shipping Weight (kg)	19.30

Unit Dimensions (hwd / in.)	1.720 x 17.000 x 25.980
Unit Dimensions (hwd / cm)	4.4 (1U) x 43 x 66
Unit Weight (lbs.)	26.8
Unit Weight (kg)	12.16
ENVIRONMENTAL	
Storage Temperature Range	-30°C to +50°C (-22°F to +122°F)
Relative Humidity	5-95% non condensing
Operating Elevation	0-10,000
COMMUNICATIONS	
PowerAlert Software	SNMPWEBCARD Interface: PowerAlert 12
Communications Cable	DIN-to-DB9 configuration/console Access cable
Network Compatibility	10 Mbps; 100 Mbps (Fast Ethernet)
FEATURES & SPECIFICATIONS	
Grounding Details	Included
High Availability PDU Features	Auto-Transfer Switching
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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