8.6kW 3-Phase 208V Monitored Rack ATS, 1U, 2 L15-30P, 6ft Cords, (Vertical PDU also required, Sold Separately)

MODEL NUMBER: **PDU330AT6L15**





Highlights

- Three-phase 8.6kW 208V Auto Transfer Switch / ATS Monitored PDU with Solid State Switching
- Separate A and B inputs connect to any two compatible L15-30P three phase power sources; Enables redundant-power operation for devices utilizing a single input connection
- Power status and load level is reported locally via digital display and remotely via built in SNMP ethernet interface
- 1U horizontal rackmount ATS module with two NEMA L15-30P inputs
- 0U vertical output power distribution component (required accessory - 4 options available)
- Patented ATS technology

Package Includes

- Monitored PDU with ATS Support
- User manual with warranty information

Description

Tripp Lite Monitored ATS / Auto Transfer Switch provides a redundant power option for network devices powered by a single input connection. 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 PDU input cords support connection to separate PRIMARY and SECONDARY power sources. The ATS will normally maintain continuous output to all outlets as derived from the primary input connection. If the primary power source becomes unstable or fails altogether, the ATS will switch over to the secondary power source until the primary input is restored and stable. Monitored PDU features include built-in network interface able to communicate power status, load level and other vital information regarding input power and PDU status. Super-fast switchover between primary and secondary power sources occurs in milliseconds. ATS functionality is supported by any two compatible AC power sources regardless of phase angle, to support a variety of advanced redundant power networking applications. ATS configurations utilizing separate mains circuits, backup generators and even separate utility power grid feeds are fully supported. On-board ATS processor constantly evaluates power quality on both input sources to prevent transfer to the secondary source when unavailable or of lower quality than the primary source. Digital load meter and status LEDs display output current and primary or secondary power availability.

Features

- 208V 8.6kW Three Phase Automatic Transfer Switch (ATS) / Monitored PDU with built-in web/network interface
- Patented ATS technology provides rapid coordination of unsynchronized phases without dropping loads
- Provides a redundant power option for critical networking equipment with a single input power connection
- Digital display reports output power consumption in amps for each output phase
- ATS switching module is in 1U horizontal rackmount form factor
- Requires separate purchase 0U vertical PDU accessory PDU3V20D354 (54 C13 outlets),

PDU3V20D354A (42 C13 and 12 C19 outlets) or PDU3V20D354B (48 C13 and 6 C19 outlets)

- Set of two 6 foot / 1.8m NEMA L15-30P inputs support connection to separate A & B power sources
- ATS circuits normally maintain output sourced from the primary input cable; As primary input power fails or becomes unstable, the ATS will switch to maintain output sourced from the secondary input cable until power on the primary input is restored and stable
- ATS configurations enable fault-tolerant, hot-swappable UPS protection when used with a single UPS and fully redundant UPS protection when each cord is connected to a separate UPS system
- Advanced ATS configurations utilizing separate mains circuits, backup generators and even separate out of phase utility power grid feeds are fully supported
- On-board ATS processor constantly evaluates power quality on both inputs to prevent transfer to the secondary source when unavailable or of lower quality than the primary source
- Super-fast switchover between primary and secondary power sources occurs in 2-5 milliseconds
- Built-in SNMP/ethernet interface reports voltage, frequency 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 not powered on
- 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
- 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

Specifications

OVERVIEW	
UPC Code	037332188892
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 L15-30P
Input Cord Details	Set of 2 input cords 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 output phase)
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
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.)	40.00
Shipping Weight (kg)	18.14
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	
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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