

5kW Single-Phase ATS/Switched PDU, 208V (16 C13, 2 C19 & 1 L6-30R) 2 L6-30P Input Cords, 2U Rack-Mount, TAA

MODEL NUMBER: PDUMH30HVATNET



Description

Tripp Lite Switched ATS / Auto Transfer Switch provides a redundant power option for single-corded network devices. Dual input cords support separate connection to PRIMARY and SECONDARY power sources. The ATS will normally maintain continuous output to all outlets as derived from the primary input cable. 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. Highly reliable solid-state switching between primary and secondary inputs occurs in 1-5 milliseconds. Switched PDU features include individually controllable output receptacles and built-in network interface. Super-fast switchover between primary and secondary power sources occurs within 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. Enables 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. In a two-UPS environment, the primary input cable must be supported by a full time sine wave UPS with zero transfer time. Tripp Lite SmartOnline series is highly recommended for use as the primary UPS in a two-UPS application. 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. Front input LED's display primary or secondary power availability.

Features

- 208V 30A Automatic Transfer Switch (ATS) / Switched PDU (Agency de-rated to 24A continuous)
- ATS features provide redundant power for critical network equipment with a single input power cord
- 2 digit display reports output power consumption in amps
- 2U horizontal rackmount form factor; 12.5 in. / 31.8 cm depth

Highlights

- Single phase 30A 208V Auto Transfer Switch / ATS PDU with Solid State Switching
- Enables redundant-power option for single-corded network devices
- Separate primary & secondary inputs connect to any two compatible power sources
- 2U rackmount, 2 L6-30P inputs, 19 switched outlets (16 C13, 2 C19, 1 L6-30R)
- Individually switched outlets, network interface and visual current, voltage and environmental monitoring
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Package Includes

- 2U ATS PDU
- Rackmount installation brackets
- Cable retention plates and cable ties
- User manual



- 19 built-in switched outlets (16 C13, 2 C19 & 1 L6-30R)
- Set of two 10 ft. / 3m NEMA L6-30P input cables support connection to separate PRIMARY and SECONDARY inputs
- 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 (in a two-UPS environment, the primary input cable must be supported by an online UPS with zero transfer time similar to Tripp Lite SmartOnline series)
- 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 2-6 milliseconds
- Switched outlets and ethernet interface supports individual outlet control on a real-time or programmable basis and user-specified alarm notification thresholds for all reported site power conditions
- DHCP/Manual configuration support
- Supports HTTP, HTTPS, PowerAlert Network Management System, SMTP, SNMPv1, SNMPv2, SNMPv3, Telnet, SSH, FTP, DHCP, BOOTP, NTP protocols
- Outlets are factory programmed for sequential turn-on at 250 millisecond intervals when the PDU is first energized to prevent inrush-related equipment interaction on startup
- Front panel LEDs confirm power availability on both input lines and for each output receptacle
- Included cord retention brackets keep vital network equipment plugged in and continuously powered
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Specifications

| OVERVIEW | |
|-------------------------|--|
| PDU Type | Auto-Transfer Switch; Switched |
| OUTPUT | |
| Output Capacity Details | 5kW (208V), 4.8kW (200V) total capacity / 30A max (Agency de-rated to 24A), 24A max per L6-30R outlet; 20A max per breakered outlet bank; 16A max per C19 outlet; 12A max per C13 outlet |
| Frequency Compatibility | 60 Hz |
| Output Receptacles | (16) C13; (2) C19; (1) L6-30R |



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| Output Nominal Voltage | 200; 208 |
| Overload Protection | Includes two 20A output circuit breakers; Breaker 1 controls the upper row of 9 outlets (8 C13, 1 C19); Breaker 2 controls the lower row of outlets (8 C13, 1 C19); L6-30R outlet is unbreakered |
| Customized Load Management Receptacles | Each outlet is individually controllable via remote interface |
| INPUT | |
| PDU Input Voltage | 200; 208 |
| Recommended Electrical Service | 30A 208V |
| Maximum Input Amps | 30 |
| Maximum Input Amps Details | Agency rated to 24A continuous |
| PDU Plug Type | (2) NEMA L6-30P |
| Input Cord Details | Set of two inputs connect to separate PRIMARY and SECONDARY power sources |
| Input Cord Length (ft.) | 10 |
| Input Cord Length (m) | 3.05 |
| Input Phase | Single-Phase |
| USER INTERFACE, ALERTS & CONTROLS | |
| Front Panel LCD Display | Digital display reports output amps in 4 separately metered loading segments (BANK 1: Outlets #1-9; BANK 2: Outlets #10-18; BANK 3: Outlet #19), whole-PDU output kW load level and input voltage on primary and secondary input lines |
| Front Panel LEDs | 19 LEDs display power on/off status for each outlet, plus 2 LEDs for power status on Primary and Secondary input connection and three additional LEDs to label the displayed numeric value as Amps, kW or Voltage |
| Switches | ENTER and MODE switches toggle the digital display to show output amps (Banks 1-4), total kW output and input voltage (primary, secondary) |
| PHYSICAL | |
| Minimum Required Rack Depth (inches) | 16 |
| Minimum Required Rack Depth (cm) | 40.64 |
| Shipping Dimensions (hwd / in.) | 7.8 x 16.7 x 19.9 |
| Shipping Dimensions (hwd / cm) | 19.8 x 42.4 x 50.5 |
| Shipping Weight (lbs.) | 19.3 |
| Shipping Weight (kg) | 8.8 |
| Unit Dimensions (hwd / in.) | 3.5 x 17.5 x 12.5 |
| Unit Dimensions (hwd / cm) | 8.8 x 44.5 x 31.8 |
| Unit Weight (lbs.) | 13.7 |
| Unit Weight (kg) | 6.21 |
| Material of Construction | Metal |



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|-------------------------------------|---|
| Form Factors Supported | 2U rackmount |
| PDU Form Factor | 2U; Horizontal |
| Minimum Required Rack Depth (mm) | 406 |
| ENVIRONMENTAL | |
| Storage Temperature Range | 5 to 122F (-15 to 50C) |
| Relative Humidity | 5 to 95% (non-condensing) |
| Operating Elevation (ft.) | 0-10,000 |
| Operating Elevation (m) | 0-3000 |
| COMMUNICATIONS | |
| SNMP Compatibility | Yes, via pre-installed network interface. Provides remote monitoring, outlet control, and automatic power management configurations |
| CERTIFICATIONS | |
| 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 |

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