Tripp Lite
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12.6kW 3-Phase 208V Monitored Rack ATS, 1U, 2 Hubbell 50A CS8365C, 6 ft. Cords, (Vertical PDU required, Sold Separate)

MODEL NUMBER: **PDU350AT6H50**





Highlights

- Requires Tripp Lite 0U outlet accessory (sold separately)
- 3-phase Hubbell CS8365C 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

- PDU350AT6H50 12.6kW 3-Phase 208V ATS/Monitored PDU
- Rack installation brackets
- Configuration cable
- Owner's manual

Description

The PDU350AT6H50 12.6kW 3-Phase 208V ATS/Monitored 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 separately; choose from PDU3V20D354, PDU3V20D354A or PDU3V20D354B), the 1U PDU350AT6H50 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 six-foot input cords with Hubbell 50A CS8365C 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 separately).

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 Hubbell 50A CS8365C 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	
PDU Type	Monitored; Auto-Transfer Switch
OUTPUT	
Output Capacity Details	12.6kW (208V) total capacity; 20A max per output phase (L1-L2, L2-L3, L3-L1); 16A max per C19 outlet; 12A max per C13 outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	C13; C19
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 Nominal Voltage	208
Overload Protection	3 20A double-pole circuit breakers (1 per breakered outlet bank)
INPUT	
PDU Input Voltage	208
Maximum Input Amps	35
PDU Plug Type	(2) HUBBELL CS8365C 50A
Input Cord Details	Set of 2 inputs enable connection to separate PRIMARY and SECONDARY power sources
Input Cord Length (ft.)	6.5
Input Cord Length (m)	1.98
Input Phase	3-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
PHYSICAL	
Shipping Dimensions (hwd / in.)	5 x 28 x 41.5
Shipping Dimensions (hwd / cm)	12.7 x 71.1 x 105.4
Shipping Weight (lbs.)	42.6
Shipping Weight (kg)	19.3
Unit Dimensions (hwd / in.)	1.72 x 16.9 x 26
Unit Dimensions (hwd / cm)	4.4 x 43 x 66
Unit Weight (lbs.)	26.85
Unit Weight (kg)	12.18
Material of Construction	Metal
Form Factors Supported	1U rackmount ATS module; Separate purchase 0u vertical mount PDU outlet distribution bar sold separate (3 options available)
PDU Form Factor	1U; Horizontal
ENVIRONMENTAL	
Storage Temperature Range	5 to 122F (-15 to 50C)

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Relative Humidity	Up to 95% (non-condensing)
Operating Elevation (ft.)	0-10,000
Operating Elevation (m)	0-3000
Operating Humidity Range	5-95% non-condensing
SPECIAL FEATURES	
Grounding Lug	Included
CERTIFICATIONS	
Certifications	Tested to UL/CSA 60950-1 (USA, Canada), NOM (Mexico), Class A (Emissions), RoHS Complaint
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty