

1.4kW Single-Phase Local Metered Automatic Transfer Switch PDU, 2 120V 5-15P 15A Inputs, 8 5-15R Outputs, 1U, TAA

MODEL NUMBER: PDUMH15AT



Description

This 120V 12A Local Metered Automatic Transfer Switch / ATS PDU provides a redundant power option for network devices with a non-redundant power supply configuration. Dual input cords support connections to separate primary and secondary power sources. The ATS will normally maintain continuous output to all outlets as derived from the primary input power 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. 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. The 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

- Federal Trade Agreements Act / TAA compliant for GSA schedule purchases
- 120V 15A Automatic Transfer Switch (ATS) / Local Metered rack PDU (rPDU) (Agency de-rated to 12A continuous)
- Provides a redundant A/B power option for non-redundant networking equipment with a single input power cord
- Digital display continuously reports total output power consumption in amps
- 1U horizontal rack-mount form factor; 14.5 in. / 36.8 cm depth
- 8 built-in NEMA 5-15R outlets
- Set of two 12 ft. / 3.6m NEMA 5-15P input cables support connection to separate PRIMARY and SECONDARY 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

Highlights

- Single phase 12A 120V Auto Transfer Switch / ATS PDU
- Enables redundant A/B power option for single-corded network devices
- Separate primary & secondary inputs connect to any two compatible power sources
- 1U horizontal rackmount; 2 NEMA 5-15P inputs; 8 NEMA 5-15R outlets
- Two digit visual current meter reports equipment load in amps; Upgrade options available
- TAA Compliant

Package Includes

- ATS / Local Metered PDU with attached 5-15P primary input cord
- Detachable C13 to NEMA 5-15P 12 ft / 3.6m secondary input cord
- 1U rackmount installation brackets
- User manual with warranty information

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 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 2-7 milliseconds
- Built-in card slot supports optional SNMPWEBCARD or WEBCARDLX for permanent upgrade to a switched & monitored PDU system
- 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

Specifications

| OVERVIEW | |
|-----------------------------------|--|
| UPC Code | 037332126658 |
| PDU Type | Auto-Transfer Switch; Local Metered |
| INPUT | |
| Input Phase | Single-Phase |
| PDU Input Voltage | 120 |
| Recommended Electrical Service | Two single-phase 15A 120V circuits |
| Maximum Input Amps | 12 |
| Maximum Input Amps Details | Agency de-rated to 12A continuous |
| PDU Plug Type | (2) NEMA 5-15P |
| Input Cord Details | Set of 2 inputs enable connection to separate PRIMARY and SECONDARY power sources |
| Input Cord Length (ft.) | 12 |
| Input Cord Length (m) | 3.66 |
| OUTPUT | |
| Output Capacity Details | 1.52kW (127V), 1.44kW (120V), 1.2kW (100V) / 12A total capacity; 12A max per outlet |
| Frequency Compatibility | 50 / 60 Hz |
| Output Receptacles | (8) 5-15R |
| Output Nominal Voltage | 120V |
| USER INTERFACE, ALERTS & CONTROLS | |
| Front Panel LCD Display | Two digit current meter reports whole PDU output load in amps |
| Front Panel LEDs | 8 front panel LEDs display power on / off status for each outlet, plus 2 additional LEDs to indicate input power status for primary and secondary inputs |

| SURGE / NOISE SUPPRESSION | |
|--------------------------------------|--|
| Automatic Shut-Off | No |
| PHYSICAL | |
| Material of Construction | Metal |
| Form Factors Supported | 1U rackmount |
| Minimum Required Rack Depth (cm) | 44.45 |
| Minimum Required Rack Depth (inches) | 17.5 |
| PDU Form Factor | Horizontal (1U) |
| Shipping Dimensions (hwd / in.) | 5.30 x 20.80 x 23.30 |
| Shipping Dimensions (hwd / cm) | 13.46 x 52.83 x 59.18 |
| Shipping Weight (lbs.) | 17.60 |
| Shipping Weight (kg) | 7.98 |
| Unit Dimensions (hwd / in.) | 1.750 x 17.500 x 14.500 |
| Unit Dimensions (hwd / cm) | 4.44 x 44.4 x 36.8 |
| Unit Weight (lbs.) | 11 |
| Unit Weight (kg) | 4.99 |
| ENVIRONMENTAL | |
| Operating Temperature Range | 32° to 104°F (0° to 40°C) |
| Storage Temperature Range | -22° to 122°F (-30° to 50°C) |
| Relative Humidity | 5% to 95% non-condensing |
| Operating Elevation | 0-10000 ft. (0-3000 m) |
| COMMUNICATIONS | |
| Network Management Cards | SNMPWEBCARD; WEBCARDLX; WEBCARDLXE |
| SNMP Compatibility | Includes slot for optional SNMPWEBCARD or WEBCARDLX accessory to add built-in network interface and enable remote individual outlet control over IP |
| FEATURES & SPECIFICATIONS | |
| Grounding | Rear grounding lug |
| High Availability PDU Features | Auto-Transfer Switching |
| STANDARDS & COMPLIANCE | |
| Product Certifications | CSA (Canada); NOM (Mexico); UL 60950-1 |
| Product Compliance | RoHS; FCC Part 15 Class A (USA); Trade Agreements Act (TAA) |



Powering Business Worldwide



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

1000 Eaton Boulevard
Cleveland, OH 44122
United States
<https://tripplite.eaton.com>

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