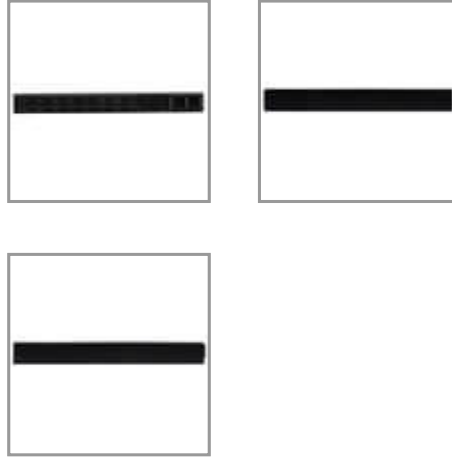# TAA-Compliant 3.2-3.8kW Single-Phase ATS/Switched PDU, 200-240V Outlets (8-C13 & 2-C19), 2-C20, 12ft Cord, 1U Rack-Mount

MODEL NUMBER: **PDUMH20HVATNTAA**

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. 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

- Federal Trade Agreements Act / TAA Compliant for GSA Schedule purchases
- 200-240V 16/20A Automatic Transfer Switch (ATS) / Switched PDU (Agency de-rated to 16A continuous)
- Provides a redundant power option for critical networking equipment with a single input power cord
- 2 digit display reports power consumption in amps
- 1U horizontal rackmount form factor
- 10 outlets (8 C13 switched / 2 C19 unswitched)
- Two C20 inlets for separate Primary and Secondary inputs; two 12 ft / 3.7m C20 input cables included

- ATS circuits normally maintain output sourced from the primary input cable; As primary input power fails, 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 hot-swappable UPS protection when used with a single UPS and 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)

- Advanced ATS configurations utilizing separate mains circuits, backup generators and separate out of phase utility power grid feeds are 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

- 2-7 millisecond transfer time

- 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, 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

- LEDs confirm power availability on both input lines and for each output receptacle

Specifications

OVERVIEW	
UPC Code	037332273734
PDU Type	Auto-Transfer Switch; Switched

INPUT	
Input Phase	Single-Phase
Maximum Input Amps	20
Maximum Input Amps Details	Agency de-rated to 16A continuous
Input Connection Type	Two labeled C20 inlets support Primary and Secondary input connections - two 12 ft. / 3.7m C19 to C20 power cables included
PDU Plug Type	IEC-320 C20

OUTPUT	
Output Capacity Details	3.84kW (240V), 3.68kW (230V), 3.52kW (220V), 3.33kW (208V), 3.2kW (200V) / 16A total capacity; 16A max per C19 outlet; 12A (10A CE) max per C13 outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(8) C13; (2) C19
Output Nominal Voltage	200; 208; 220; 230; 240
Customized Load Management Receptacles	8 individually controlled C13 load management receptacles

USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	Digital display reports total PDU output current in amps

Front Panel LEDs	8 front panel LEDs display power on - off status for each C13 outlet, plus 2 LEDs for power status on Primary and Secondary input connection. Digital current meter display shows the amount of power consumption in amps for entire PDU output.
Switches	Toggle switch near digital display enables the setting of "HI" for 220, 230 or 240V nominal applications or "LO" for 200 or 208V applications

SURGE / NOISE SUPPRESSION

Automatic Shut-Off	No

PHYSICAL

Material of Construction	Steel
Form Factors Supported	1U rackmount
PDU Form Factor	Horizontal (1U)
Unit Dimensions (hwd / in.)	1.720 x 17.300 x 14.800
Unit Dimensions (hwd / cm)	4.4 x 43.9 x 37.6
Unit Weight (lbs.)	10.3
Unit Weight (kg)	4.67

ENVIRONMENTAL

Relative Humidity	5-95% non condensing
Operating Elevation	0-10,000

COMMUNICATIONS

PowerAlert Software	LX Platform Interface: PowerAlert Device Manager
Communications Cable	Micro-USB- to-USB A configuration/console Access cable
Network Monitoring Port	RJ45 Network port, Micro-USB Configuration port, USB A port supports a variety of Envirosense2 environmental and control modules. See Accessories>Management Hardware section for more information about these modules.
SNMP Compatibility	Yes, via pre-installled SNMPWEBCARD. Provides remote monitoring, outlet control, and automatic power management configurations.
Network Compatibility	10 Mbps; 100 Mbps (Fast Ethernet)

FEATURES & SPECIFICATIONS

High Availability PDU Features	Auto Probe Monitoring and Reboot (included)

WARRANTY & SUPPORT

Product Warranty Period (Worldwide)	2-year limited warranty