Tripp Lite
1111 W. 35th Street
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AVR Series 900VA Ultra-compact Line-Interactive 120V UPS with USB port

MODEL NUMBER: **AVR900U**







Highlights

- 900VA ultra-compact 120V line interactive UPS
- Corrects brownouts and overvoltages from 83V to 147V
- 6 UPS battery supported outlets, 6 surge-only outlets
- USB port, TEL/DSL protection, Wall mountable, 98% efficient
- NEMA 5-15P input plug and 12 NEMA 5-15R outlets

Package Includes

- AVR900U UPS System
- USB cable
- Instruction manual

Description

Tripp Lite's AVR900U Ultra-Compact Line Interactive UPS offers complete power protection for desktop PCs, network workstations and a wide variety of professional and consumer electronic devices. Uninterruptible Power Supply / UPS circuits switch to battery backup mode within milliseconds to keep connected equipment running without interruption or data loss during power failures. Automatic Voltage Regulation / AVR power conditioning maintains smooth, continuous operation of connected equipment during brownouts and overvoltages. Surge-only outlets offer convenient protection for printers and other desktop accessories not requiring battery support. AC and dataline surge suppression prevents connected equipment damage. USB communications port supports built-in power management and auto-shutdown features of Windows and Mac OS X or full featured monitoring and data-saving auto-shutdown options using Tripp Lite's free PowerAlert monitoring software.

Features

- AVR900U ultra-compact 120V line interactive UPS offers complete AC power protection from blackouts, brownouts and transient surges
- 900VA / 480 watt UPS output capacity
- Uninterruptible Power Supply / UPS operation maintains battery-derived AC output during blackouts to prevent data loss and system downtime for connected equipment
- Built-in USB port enables data-saving unattended shutdown when used with Tripp Lite's PowerAlert software, available via FREE download from www.tripplite.com
- HID-compliant USB port also enables integration with built-in power management and auto shutdown features of Windows and Mac OS X
- Automatic Voltage Regulation / AVR corrects extended brownouts and overvoltages from 83 to 147V, without using battery power
- 8.4 minutes runtime at 50% load (240 watts)
- Up to 45 minutes runtime for entry level PC with small monitor consuming 60 watts continuous
- 12 built-in NEMA 5-15R outlets, two with extra wide spacing to accommodate transformer plugs
- 6 UPS battery backup outlets, plus 6 additional surge-only outlets
- Right angle NEMA 5-15P input connection with 6ft / 1.8m line cord
- Network grade AC surge and lightning protection is available from all outlets; Built-in data line surge suppression protects a single dialup or DSL line
- Supports Tripp Lite's Watchdog system service to restore operation to locked equipment through soft reboot of application/OS or hard power off/on reboot of connected equipment, ideal for unattended kiosk applications

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- 98% line mode efficiency rating uses less energy and BTU emissions
- Built-in grounding lug
- Hot swappable user battery replacement
- Optional PDUB15 bypass PDU enable hot-swappable UPS replacement with no disruption to connected equipment
- Space saving, ultra-compact housing with support for wall-mount, desktop or floor placement

Specifications

OUTPUT	
Output Volt Amp Capacity (VA)	900
Output Watt Capacity (Watts)	480
Nominal Output Voltage(s) Supported	115V; 120V
Frequency Compatibility	60 Hz
Output Voltage Regulation (Line Mode)	120V (+8%, -21%)
Output Voltage Regulation (Battery Mode)	115V (+/- 5%)
UPS Output Receptacles	12 5-15R outlet(s)
UPS Output Receptacles (Surge Suppression Only)	6 UPS outlets, 6 surge-only outlets
Hot-Swap PDU options	PDUB15 (2U / 8 5-15R outlets)
Output AC Waveform (AC Mode)	Sine wave
Output AC Waveform (Battery Mode)	PWM sine wave
INPUT	
Rated input current (Maximum Load)	12A
Nominal Input Voltage(s) Supported	120V AC
UPS Input Connection Type	5-15P
UPS Input Cord Length (ft.)	6
UPS Input Cord Length (m)	1.8
Recommended Electrical Service	15A 120V
Input Phase	Single-Phase
BATTERY	
Half Load Runtime (min.)	8.4 min. (240w)
DC System Voltage (VDC)	12
Battery Recharge Rate (Included Batteries)	12 hours (10% to 90%)

Internal UPS Replacement Battery Cartridge	RBC51
Battery Access	Battery access door
Battery Replacement Description	Hot-swappable, user replaceable batteries
VOLTAGE REGULATION	
Voltage Regulation Description	Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 83 to 147
Overvoltage Correction	Input voltages between 129 and 147 are reduced by 12%
Undervoltage Correction	Input voltages between 83 and 104 are boosted by 14%
LEDS ALARMS & SWITCHES	
LED Indicators	2 LEDs indicate power status and overload/check battery status
Audible Alarm	Audible alarm indicates power-failure and overload status
Switches	Combination switch controls on/off power status and self-test operation
SURGE / NOISE SUPPRESSION	
UPS AC Suppression Joule Rating	420
UPS AC Suppression Response Time	Instantaneous
UPS Dataline Suppression	1 line TEL/DSL (1 in / 2 out)
EMI / RFI AC Noise Suppression	Yes
PHYSICAL	
Installation Form Factors Supported with Included Accessories	Tower; Ultra-compact desktop
Primary Form Factor	Desktop
UPS Power Module Dimensions (hwd, in.)	4 x 12 x 7
UPS Power Module Dimensions (hwd, cm)	10.2 x 30.5 x 17.8
UPS Power Module Weight (lbs.)	15.3
UPS Power Module Weight (kg)	6.9
UPS Shipping Dimensions (hwd / in.)	5.5 x 14.5 x 9.8
UPS Shipping Dimensions (hwd / cm)	14 x 36.8 x 24.8
Shipping Weight (lbs.)	16.3
Shipping Weight (kg)	7.4
UPS Housing Material	ABS

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ENVIRONMENTAL	
Operating Temperature Range	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius
Storage Temperature Range	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius
Relative Humidity	0 to 95%, non-condensing
AC Mode BTU / Hr. (Full Load)	27
AC Mode Efficiency Rating (100% Load)	98%
COMMUNICATIONS	
Communications Interface	USB (HID enabled)
PowerAlert Software	Free download from www.tripplite.com
Communications Cable	USB interface cable included
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications
Network UPS Tools Compatibility	NUT compatible. See the full list of Tripp Lite NUT compatible UPS systems at http://www.networkupstools.org/stable-hcl.html?manufacturer=Tripp Lite
LINE / BATTERY TRANSFER	
Transfer Time	4 milliseconds (AC to battery) / 1 millisecond (Battery to AC)
Low Voltage Transfer to Battery Power (Setpoint)	83
High Voltage Transfer to Battery Power (Setpoint)	147
SPECIAL FEATURES	
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
High Availability UPS Features	Hot swappable batteries
Green Energy-Saving Features	Greater than 95% efficiency - GREEN UPS
CERTIFICATIONS	
UPS Certifications	Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category B (EMI)
WARRANTY	
Product Warranty Period (U.S. & Canada)	3-year limited warranty
Product Warranty Period (Latin America)	3-year limited warranty
Product Warranty Period (International)	2-year limited warranty
Product Warranty Period (Mexico)	3-year limited warranty

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Connected Equipment Insurance (U.S., Canada & Puerto Rico)	$100,000 Ultimate Lifetime Insurance

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