

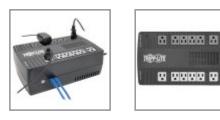
AVR900U is not for sale in Colorado, Vermont and Washington state. Customers in these states should purchase the recommended ENERGY STAR® 2.0 model instead: OMNISMART1050MX. Learn more

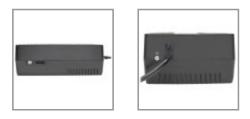
about ENERGY STAR 2.0 and sales restrictions in these states.

# 900VA 480W Line-Interactive UPS - 12 NEMA 5-15R Outlets, AVR, 120V, 50/60 Hz, USB, Desktop/Wall Mount

# MODEL NUMBER: AVR900U







Desktop UPS provides battery backup support with automatic voltage regulation (AVR) for your home/office network system or home theater.

# Features

# 900VA/480W/120V Battery Backup for PCs, Home Theater or Digital Signage

The line-interactive AVR900U UPS system with AVR protection provides reliable battery backup and AC power protection against blackouts, brownouts, overvoltages, surges and line noise that can damage valuable electronics or destroy data. The 12-outlet 120V battery backup is ideal protection for your home office, media center or commerce components, including computers, routers, printers, HDTVs, Blu-ray players, game consoles, ATMs, security systems and digital signage equipment.

#### Allows Time to Back Up Critical Files During a Blackout

Backup support allows you to work through short power failures and gives you enough time to safely save files and shut down your system in case of a prolonged blackout. Backup time varies according to load, but the line-interactive UPS system should keep an energy-efficient desktop computer with small LCD monitor powered as long as 47 minutes. During normal operation, incoming utility power keeps the replaceable internal battery fully charged, so backup power will always be available.

## 12 NEMA 5-15R Outlets Protect Your Connected Components

Six 5-15R outlets provide battery backup, surge protection and voltage regulation for your computer, monitor and other crucial components. The other six 5-15R outlets provide surge suppression only for printers, speakers and other desktop equipment regarded as non-essential during a blackout. A high >96% line mode efficiency rating reduces BTU emissions, energy consumption and, ultimately, your energy costs.

#### Automatic Voltage Regulation (AVR) Corrects Low- and High-Voltage Conditions

AVR protects your equipment from incremental hardware damage, data loss and performance problems caused by brownouts and overvoltages. The AVR900U can correct brownouts as low as 89V and overvoltages as high as 145V back to nominal 120V power continuously, all while keeping the battery fully charged and ready to take over in case of power failure.

# Highlights

- Protects equipment against blackouts, brownouts, overvoltages, surges and line noise
- Keeps AC power running during blackouts to allow time for file saves and safe shutdown
- 12 NEMA 5-15R outlets power and protect PC, home theater or digital signage equipment
- Home-friendly alarm remains silent in backup mode, sounding only when imperative
- High >96% efficiency with low BTU ratings saves electricity and lowers your energy costs

# Applications

- Protect your PC and other sensitive electronics against power surges, line noise, brownouts, overvoltages and blackouts
- Operate essential equipment during short-term power outages using battery backup power
- Shut down desktop PCs and other equipment without data loss during long-term power outages
- Extend runtime for DVRs, wireless routers and other lowpower home network equipment

# **Package Includes**

- AVR900U 900VA 480W 120V Line-Interactive UPS with 12 Outlets
- USB cable
- Owner's manual



### 316 Joules Fight Back Against Unexpected Power Surges

A 316-joule surge suppression rating protects connected components from the harmful effects of power surges.

#### **Combats Electromagnetic Interference That Can Harm Equipment**

Various electromagnetic and radio sources found in virtually every home and business can cause disruptive interference on the AC line. Known as EMI (electromagnetic interference) and RFI (radio frequency interference), this line noise is a common cause of performance problems and can lead to incremental hardware damage, data corruption and audio/video transmission problems. The AVR900U incorporates technology that filters out disruptive line noise so that it won't affect your equipment.

## Home-Friendly Alarm and Diagnostic LEDs Keep You Informed 24/7

The UPS remains silent in both line and battery backup modes. The alarm sounds only to report low battery, battery replace, overload and fault condition. Dual front-panel LEDs report line and battery mode operation.

### HID-Compliant USB Port Allows for Automatic Saves and Shutdowns

This USB port connects the AVR900U to a computer running Tripp Lite's free downloadable PowerAlert® software to enable safe unattended file saves and system shutdown in case of a prolonged power failure. USB cable is included.

#### Compact Housing Compatible with Easy Desktop or Wall-Mount Installation

The space-saving ABS housing fits on a desktop, shelf or anywhere else convenient to your workstation or home theater. Keyhole mounting tabs on the rear allow easy wall-mount installation. The five-foot power cord with NEMA 5-15P plug connects to any compatible AC outlet.

# **Specifications**

OVERVIEW		
UPC Code	037332211491	
UPS Type	Line-Interactive	
INPUT		
Rated input current (Maximum Load)	10A	
Nominal Input Voltage(s) Supported	120V AC	
UPS Input Connection Type	5-15P	
Input Circuit Breakers	10A	
UPS Input Cord Length (ft.)	5	
UPS Input Cord Length (m)	1.5	
Recommended Electrical Service	15A 120V	
Input Phase	Single-Phase	
OUTPUT		
Output Volt Amp Capacity (VA)	900	



Tripp Lite 1111 W. 35th Street Chicago, IL 60609 USA Telephone: 773.869.1234 www.tripplite.com

ſ		
Output Watt Capacity (Watts)	480	
Nominal Voltage Details	120v nominal output in battery mode	
Frequency Compatibility	50 / 60 Hz	
Output Voltage Regulation (Line Mode)	120V (+6%/-12%)	
Output Voltage Regulation (Battery Mode)	120V (±10%)	
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)	PWM sine wave	
Output AC Waveform (Battery Mode)	PWM sine wave	
Nominal Output Voltage(s) Supported	110V; 115V; 120V	
Output Receptacles	(12) 5-15R	
Individually Controllable Load Banks	No	
BATTERY		
Battery Type	Valve Regulated Lead Acid (VRLA)	
Full Load Runtime (min.)	2.7 min. (480w)	
Half Load Runtime (min.)	10 min. (240w)	
Expandable Runtime	No	
DC System Voltage (VDC)	12	
Battery Recharge Rate (Included Batteries)	8 hours (10% to 90%)	
Battery Access	Battery access door	
Internal UPS Replacement Battery Cartridge	<a class="productLink" href="//www.tripplite.com/UPS-Replacement-Battery-Cartridge-Tripp-Lite-APC-Belkin-&lt;br&gt;Best-Powerware-Liebert-other-UPS~RBC51">RBC51</a>	
Battery Replacement Description	Replaceable internal batteries (see manual)	
VOLTAGE REGULATION		
Voltage Regulation Description	Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 89 to 145	
Overvoltage Correction	Input voltages between 128 and 145 are reduced by 15%	
Undervoltage Correction	Input voltages between 89 and 108 are boosted by 18%	
USER INTERFACE, ALERTS & CONTROLS		
Switches	Power off/on switch	
Audible Alarm	UPS remains silent in battery backup mode; Alarm sounds only to report low-battery, fault, overload and replace battery conditions	



LED Indicators	2 Status LEDs; GREEN indicates power status and operating mode / RED indicates battery-low, overload, replace- battery and fault conditions	
SURGE / NOISE SUPPRESSION		
UPS AC Suppression Joule Rating	316	
UPS AC Suppression Response Time	Instantaneous	
UPS Dataline Suppression	1 line TEL/DSL or Ethernet	
EMI / RFI AC Noise Suppression	Yes	
PHYSICAL		
Primary Form Factor	Desktop	
Installation Form Factors Supported with Included Accessories	Tower; Ultra-compact desktop; Wallmount	
Primary UPS Depth (mm)	305	
Primary UPS Height (mm)	105	
Primary UPS Width (mm)	190	
Shipping Dimensions (hwd / cm)	27.20 x 16.00 x 38.10	
Shipping Dimensions (hwd / in.)	10.71 x 6.30 x 15.00	
Shipping Weight (kg)	8.16	
Shipping Weight (lbs.)	18.00	
UPS Housing Material	ABS	
UPS Power Module Dimensions (hwd, cm)	10.52 x 19.00 x 30.48	
UPS Power Module Dimensions (hwd, in.)	4.14 x 7.48 x 12	
UPS Power Module Weight (kg)	7.48	
UPS Power Module Weight (lbs.)	16.5	
ENVIRONMENTAL		
Operating Temperature Range	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius	
Storage Temperature Range	+5 to +113 degrees Fahrenheit / -15 to +45 degrees Celsius	
Relative Humidity	0 to 90%, non-condensing	
AC Mode BTU / Hr. (Full Load)	41	
AC Mode Efficiency Rating (100% Load)	>96%	
Operating Elevation (ft.)	Up to 10,000 ft.	
Operating Elevation (m)	Up to 3000m	
COMMUNICATIONS		



PowerAlert Software	For local monitoring via the UPS's built-in communication ports, download PowerAlert Local software at https://www.tripplite.com/poweralert
Communications Cable	USB interface cable included
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications
Network UPS Tools Compatibility	
Network Management Card Description	Network management not supported
Communications Interface	USB (HID enabled)
LINE / BATTERY TRANSFER	
Transfer Time	6 milliseconds typical (10 milliseconds max)
Low Voltage Transfer to Battery Power (Setpoint)	89
High Voltage Transfer to Battery Power (Setpoint)	145
FEATURES & SPECIFICATIONS	
Grounding Lug	Includes optional side-panel grounding lug
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
High Availability UPS Features	Automatic Voltage Regulation (AVR); Surge/noise protection
Green Energy-Saving Features	Greater than 95% efficiency - GREEN UPS
STANDARDS & COMPLIANCE	
UPS Certifications	Meets FCC Part 15 Category A (EMI); Tested to CSA (Canada); Tested to NOM (Mexico); Tested to UL1778 (USA)
Certification Details	UL1778: 2014 5th EDITION; CAN/CSA-C22.2 NO. 107.3:2014 3rd EDITION; FCC CLASS A; FCC Part 68 Approved (#5WSWP01B005); Industry Canada Approved (#3449A-005, REN0.1B); RETIE (Colombia)
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
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	\$100,000 <a class="insuranceLink" href="//www.tripplite.com/support/insurance-policy">Ultimate Lifetime Insurance</a>

© 2021 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies: https://www.tripplite.com/products/product-certification-agencies