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## Model #: AVR900U

### AVR Series Line-Interactive UPS System - Affordable line-interactive protection for PCs and workstations

#### Highlights



- 900VA ultra-compact line interactive UPS
- Maintains 120V nominal output over an input range of 83 to 147V
- Workstation-optimized features include USB port (HID-PDC compliant), single-line TEL / DSL surge suppression, 6 battery and surge-protected outlets and 6 additional surge-only outlets (12 total)
- Space saving right-angle input plug
- Input: NEMA 5-15P (120V 15A) / Output: 12 NEMA 5-15R (120V)
- 3 year product warranty / \$100,000 [Ultimate Lifetime Insurance](#) (USA, Puerto Rico & Canada only)

#### Description

Tripp Lite's AVR900U is a compact, rack-mountable line-interactive UPS system. It features a transformer blocks with a built-in battery backup, providing protection for critical systems and other vital systems. The unit requires a standard dialup RJ-11 phone line for monitoring software. For more information regarding power failures, contact us at 1-877-389-0000. 3-year warranty. \$100,000 [Ultimate Lifetime Insurance](#) (USA, Puerto Rico and Canada only).

#### Package Includes

- AVR900U UPS System
- PowerAlert Software CD-ROM, USB cable, RJ-11 phone cable
- Instruction manual with warranty information

#### Features

- AVR900U line-interactive UPS offers protection from blackouts, brownouts and surges on both AC and Tel/DSL line connections
- Built-in surge protection at nominal levels
- 12 outlet (6 surge-protected, 6 surge-only) adjacent outlets
- Provides battery-derived AC output during blackouts, voltage boost during brownouts and voltage reduction during overvoltages
- 900VA/480 watt power-handling ability supports a variety of PCs, workstations and other sensitive electronics
- Supports entry-level PC systems up to 45 minutes during blackout conditions
- Built-in surge protection sharing a single line.

- USB port, included USB cable and PowerAlert software offer safe, unattended shutdown without data loss during extended outages
- HID-compliant USB port enables integration with built-in power management and auto shutdown features of Windows and Mac OS
- 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
- Hot-swappable user battery replacement supported via battery access door
- Space-saving, ultra-compact housing fits almost anywhere
- Keyhole mounting flanges enable secure wallmount installation

## 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)	+8%, -21%
Output voltage regulation (Battery mode)	115V (+/- 5%)
Built-in UPS output receptacles	12 5-15R outlet(s)
Surge suppression only outlets	6 UPS outlets, 6 surge-only outlets
Output AC waveform (AC mode)	Sine wave
Output AC waveform (battery mode)	PWM sine wave
INPUT	
Rated input current (at maximum load)	12A
Nominal Input Voltage(s) Supported	120V AC
UPS input connection type	5-15P; Space saving right angled input plug
UPS Input cord length (ft.)	6
UPS Input cord length (m)	1.8
Recommended Electrical Service	15A 120V
BATTERY	
Full load runtime (minutes)	3 min. (480w)
Half load runtime (minutes)	10 min. (240w)

<b>DC system voltage</b>	12V DC
<b>Battery recharge rate (included batteries)</b>	Less than 24 hours from 10% to 90%
<b>Replacement battery cartridge (internal UPS battery replacement)</b>	RBC51
<b>Battery Access</b>	Battery access door
<b>Battery replacement description</b>	Hot-swappable, user replaceable batteries
<b>VOLTAGE REGULATION</b>	
<b>Voltage regulation description</b>	Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 83 to 147
<b>Overvoltage correction</b>	Input voltages between 129 and 147 are reduced by 12%
<b>Undervoltage correction</b>	Input voltages between 83 and 104 are boosted by 14%
<b>LEDS ALARMS &amp; SWITCHES</b>	
<b>LED Indicators</b>	2 LEDs indicate power status and overload/check battery status
<b>Alarms</b>	Audible alarm indicates power-failure and overload status
<b>Switches</b>	Combination switch controls on/off power status and self-test operation
<b>SURGE / NOISE SUPPRESSION</b>	
<b>UPS AC suppression joule rating</b>	420
<b>UPS AC suppression response time</b>	Instantaneous
<b>UPS Dataline suppression</b>	1 line TEL / DSL protection (1 in / 1 out)
<b>EMI / RFI AC noise suppression</b>	Yes
<b>PHYSICAL</b>	
<b>Installation form factors supported with included accessories</b>	Tower; Ultra-compact desktop; Wallmount (using keyhole mounting tabs)
<b>Included mounting accessory description</b>	Wallmount installation supported using keyhole mounting tabs
<b>Primary form factor</b>	Desktop
<b>UPS / Power Module dimensions in primary form factor (height x width x depth / inches)</b>	4 x 12 x 7
<b>UPS / Power Module dimensions in primary form factor (height x width x depth / cm)</b>	10.2 x 30.5 x 17.8
<b>UPS / Power Module weight (lbs)</b>	15.3
<b>UPS / Power Module weight (kg)</b>	6.9

<b>UPS Shipping dimensions (height x width x depth / inches)</b>	5.5 x 14.5 x 9.8
<b>UPS Shipping dimensions (height x width x depth / cm)</b>	14 x 36.8 x 24.8
<b>Shipping weight (lbs)</b>	16.3
<b>Shipping weight (kg)</b>	7.4
<b>UPS housing material</b>	ABS
<b>ENVIRONMENTAL</b>	
<b>Operating Temperature Range</b>	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius
<b>Storage Temperature Range</b>	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius
<b>Relative Humidity</b>	0 to 95%, non-condensing
<b>AC mode BTU / hr. (full load)</b>	68
<b>Battery mode BTU / hr. (full load)</b>	460.3
<b>COMMUNICATIONS</b>	
<b>Communications interface</b>	USB (HID enabled)
<b>PowerAlert software</b>	Free download from <a href="http://www.tripplite.com">www.tripplite.com</a>
<b>Communications cable</b>	USB interface cable included
<b>WatchDog compatibility</b>	Supports Watchdog application, OS and hard-reboot restart options for remote applications
<b>LINE / BATTERY TRANSFER</b>	
<b>Transfer time</b>	2 to 4 milliseconds
<b>Low voltage transfer to battery power (setpoint)</b>	83
<b>High voltage transfer to battery power (setpoint)</b>	147
<b>SPECIAL FEATURES</b>	
<b>Cold Start (startup in battery mode during a power failure)</b>	Cold-start operation supported
<b>High availability UPS features</b>	Hot swappable batteries
<b>Green &amp; high efficiency features</b>	Greater than 95% efficiency - GREEN UPS
<b>CERTIFICATIONS</b>	
<b>UPS Certifications</b>	Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category B (EMI); Meets FCC Part 68 / Industrie Canada (telecommunications); ROHS (Reduction of Hazardous Substances)
<b>WARRANTY</b>	

<b>Standard warranty period</b>	3 years
<b>Connected equipment insurance (USA, Canada, Puerto Rico)</b>	\$100,000 connected equipment insurance

## Related Items

### Optional Products

Product Type	Related Model	Description	Qty.
Audio Cables	<a href="#">CT120</a>	Instant-Read- AC Outlet Circuit Tester	-
Extended Warranties	<a href="#">WEXT5-INTERNET</a>	5-Year Extended Warranty - For Internet Office Models	-
Software	<a href="#">SU2200RTXL2UA</a>	SmartOnline Expandable 2U Rack / Tower UPS System - On-line, double-conversion, sine wave UPS with PDU switching, current monitoring and fault tolerant auto-bypass	-
Surge Protectors	<a href="#">DTEL2</a>	Network Surge Suppressor - Essential protection for data and communication lines	-
Surge Protectors	<a href="#">DNET1</a>	Network Surge Suppressor - Essential protection for data and communication lines	-
Surge Protectors	<a href="#">DCATV</a>	Network Surge Suppressor - Essential protection for TV/VCR coaxial lines	-
USB Cables & Adapters	<a href="#">U005-10I</a>	USB Gold Extension cable - USB "A" Right Angle Male to USB "A" Female - 10"	-
USB Hubs/Accessories	<a href="#">U222-004-R</a>	USB Hubs - 4-Port USB 2.0 Certified Ultra-Mini Hub	-

More information, including related products, owner's manuals, and additional technical specifications, can be found online at [www.tripplite.com/en/products/model.cfm?txtModelID=3649](http://www.tripplite.com/en/products/model.cfm?txtModelID=3649).

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