



**Tripp Lite**  
1111 West 35th Street  
Chicago, IL 60609 USA  
Telephone: +(773) 869 1234  
E-mail: [saleshelp@tripplite.com](mailto:saleshelp@tripplite.com)

## Model #: AVR750U

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

#### Highlights



- 750VA ultra-compact line-interactive UPS
- Maintains 120V nominal output over an input range of 83V 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 and Canada only)

#### Description

Tripp Lite's AVR750U line-interactive UPS offers complete protection for PCs, workstations and other sensitive electronics in an ultra-compact, mountable housing. Prevents data loss and system downtime by providing battery-supported AC output during blackouts and Automatic Voltage Regulation (AVR) during brownouts and overvoltages. Includes 12 output receptacles, 4 of which are widely spaced to accommodate large transformer blocks without obscuring adjacent outlets. 6 outlets feature full battery support and surge suppression, protecting computers, monitors and other vital system components from power loss. 6 additional outlets with surge suppression only are ideal for printers and other peripherals not requiring battery support. Single-line telephone suppression jacks protect modems, fax machines, cordless phones or other equipment with a DSL or standard dialup RJ-11 phone line connection. USB port with included cable and PowerAlert monitoring software enables safe unattended system shutdown in case of extended power failure. HID-compliant USB interface enables integration with built-in power management and auto-shutdown features of Windows and Mac OS X. Audible alarm and front panel LEDs offer status information regarding line and battery power operation. 750VA/450 watt power-handling ability supports entry-level PCs for up to 35 minutes during power failures. 3-year warranty. \$100,000 [Ultimate Lifetime Insurance](#) (USA, Puerto Rico and Canada only).

#### Package Includes

- AVR750U UPS System
- PowerAlert Software CD-ROM, USB cable, RJ-11 phone cable
- Instruction manual with warranty information

#### Features

- AVR750U line-interactive UPS offers protection from blackouts, brownouts and surges on both AC and Tel/DSL line connections
- Built-in Automatic Voltage Regulation (AVR) boosts brownouts as low as 83V and reduces overvoltages up to 147V back to usable 120V nominal levels
- 12 outlets, 4 of which are widely spaced to accommodate large transformer blocks without obscuring adjacent outlets
- 6 battery-supported outlets protect computers, monitors and vital system peripherals, plus 6 additional surge suppression-only outlets for printers and other system accessories not requiring battery support
- Provides battery-derived AC output during blackouts, voltage boost during brownouts and voltage reduction during overvoltages
- 750VA/450 watt power-handling ability supports a variety of PCs, workstations and other sensitive electronics
- Supports entry-level PC systems up to 35 minutes during blackout conditions
- Built-in single-line Tel/DSL line surge suppression protects modems, fax machines or cordless phones

- 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 X
- 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

<b>OUTPUT</b>	
<b>Output Volt Amp Capacity (VA)</b>	750
<b>Output Watt Capacity (watts)</b>	450
<b>Nominal Output Voltage(s) Supported</b>	115v; 120v
<b>Frequency compatibility</b>	60 Hz
<b>Output voltage regulation (line mode)</b>	+8%, -21%
<b>Output voltage regulation (Battery mode)</b>	115V (+/- 5%)
<b>Built-in UPS output receptacles</b>	12 5-15R outlet(s)
<b>Surge suppression only outlets</b>	6 UPS outlets, 6 surge-only outlets
<b>Output AC waveform (AC mode)</b>	Sine wave
<b>Output AC waveform (battery mode)</b>	PWM sine wave
<b>INPUT</b>	
<b>Rated input current (at maximum load)</b>	12A
<b>Nominal Input Voltage(s) Supported</b>	120V AC
<b>UPS input connection type</b>	5-15P; Space saving right angled input plug
<b>UPS Input cord length (ft.)</b>	6
<b>UPS Input cord length (m)</b>	1.8
<b>Recommended Electrical Service</b>	15A 120V
<b>BATTERY</b>	
<b>Full load runtime (minutes)</b>	3 min. (450w)
<b>Half load runtime (minutes)</b>	10 min. (225w)

DC system voltage	12V DC
Battery recharge rate (included batteries)	Less than 27 hours from 10% to 90%
Replacement battery cartridge (internal UPS battery replacement)	RBC51
Battery Access	Battery access door
Battery replacement description	Hot-swappable, user replaceable batteries
<b>VOLTAGE REGULATION</b>	
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%
<b>LEDS ALARMS &amp; SWITCHES</b>	
LED Indicators	2 LEDs indicate power status and overload/check battery status
Alarms	Audible alarm indicates power-failure and overload status
Switches	Combination switch controls on/off power status and self-test operation
<b>SURGE / NOISE SUPPRESSION</b>	
UPS AC suppression joule rating	420
UPS AC suppression response time	Instantaneous
UPS Dataline suppression	1 line TEL / DSL protection (1 in / 2 out - splitter)
EMI / RFI AC noise suppression	Yes
<b>PHYSICAL</b>	
Installation form factors supported with included accessories	Tower; Ultra-compact desktop; Wallmount (using keyhole mounting tabs)
Primary form factor	Desktop
UPS / Power Module dimensions in primary form factor (height x width x depth / inches)	4 x 12 x 7
UPS / Power Module dimensions in primary form factor (height x width x depth / 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 (height x width x depth / inches)	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>	16.8
<b>Shipping weight (kg)</b>	7.6
<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>	63.8
<b>Battery mode BTU / hr. (full load)</b>	431.5
<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

Connected equipment insurance (USA, Canada, Puerto Rico)

\$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	-
Surge Protectors	<a href="#">DCATV</a>	Network Surge Suppressor - Essential protection for TV/VCR coaxial lines	-
Surge Protectors	<a href="#">DNET1</a>	Network Surge Suppressor - Essential protection for data and communication lines	-
Surge Protectors	<a href="#">DTEL2</a>	Network Surge Suppressor - Essential protection for data and communication lines	-
USB Cables & Adapters	<a href="#">U005-10I</a>	10-inch USB A/A Gold Extension Cable (USB-A Right Angle Male to USB-A Female)	-
USB Hubs/Accessories	<a href="#">U222-004-R</a>	4-Port USB2.0 Certified Ultra-Mini Hub	-
Software	<a href="#">WATCHDOGSW</a>	WatchDog Service Monitoring / Reboot Software	-
Extended Warranties	<a href="#">WEXT5-INTERNET</a>	5-Year Extended Warranty - For Internet Office Models	-

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=3141](http://www.tripplite.com/en/products/model.cfm?txtModelID=3141).