



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

## Model #: AVR550U

### AVR Series 550VA Ultra-compact Line-Interactive 120V UPS with USB port

#### Highlights



- 550VA ultra-compact 120V line interactive UPS
- Corrects brownouts and overvoltages from 83V to 147V
- 4 battery supported outlets, 4 surge-only outlets
- USB port, TEL/DSL protection, Wall mountable, 98% efficient
- NEMA 5-15P input plug and 8 NEMA 5-15R outlets

#### Description

Tripp Lite's AVR550U 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.

#### Package Includes

- AVR550U UPS System
- USB cable
- Instruction manual

#### Features

- AVR550U ultra-compact 120V line interactive UPS offers complete AC power protection from blackouts, brownouts and transient surges
- 550VA / 300 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](http://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
- 3 minutes runtime at 100% load (300 watts), 9 minutes runtime at 50% load (150 watts)
- 20 minutes runtime for a desktop computer system consuming 80 watts continuous
- 8 built-in NEMA 5-15R outlets, two with extra wide spacing to accommodate transformer plugs
- 4 UPS battery backup outlets, plus 4 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
- 98% line mode efficiency rating uses less energy and BTU emissions
- Built-in grounding lug

- Hot swappable user battery replacement
- Space saving, ultra-compact housing with support for wall-mount, desktop or floor placement

## Specifications

OUTPUT	
Output Volt Amp Capacity (VA)	550
Output Watt Capacity (watts)	300
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%)
Built-in UPS output receptacles	8 5-15R outlet(s)
Surge suppression only outlets	4 UPS outlets, 4 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
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. (300w)
Half load runtime (minutes)	9 min. (150w)
DC system voltage (VDC)	12
Battery recharge rate (included batteries)	9 hours (10% to 90%)
Battery Access	Battery access door
Battery replacement description	Hot-swappable, user replaceable batteries
VOLTAGE REGULATION	

<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 128 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 (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>Primary form factor</b>	Desktop
<b>UPS / Power Module dimensions in primary form factor (height x width x depth / inches)</b>	3.5 x 11.2 x 6
<b>UPS / Power Module dimensions in primary form factor (height x width x depth / cm)</b>	8.9 x 28.6 x 15.2
<b>UPS / Power Module weight (lbs)</b>	11
<b>UPS / Power Module weight (kg)</b>	5
<b>UPS Shipping dimensions (height x width x depth / inches)</b>	4.8 x 13.5 x 8.8
<b>UPS Shipping dimensions (height x width x depth / cm)</b>	12.1 x 34.3 x 22.2
<b>Shipping weight (lbs)</b>	12
<b>Shipping weight (kg)</b>	5.5
<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

Relative Humidity	0 to 95%, non-condensing
AC mode BTU / hr. (full load)	54
<b>COMMUNICATIONS</b>	
Communications interface	USB (HID enabled)
PowerAlert software	Free download from <a href="http://www.tripplite.com">www.tripplite.com</a>
Communications cable	USB interface cable included
WatchDog compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications
<b>LINE / BATTERY TRANSFER</b>	
Transfer time	4 milliseconds
Low voltage transfer to battery power (setpoint)	83
High voltage transfer to battery power (setpoint)	147
<b>SPECIAL FEATURES</b>	
Cold Start (startup in battery mode during a power failure)	Cold-start operation supported
High availability UPS features	Hot swappable batteries
Green & high efficiency UPS features	Greater than 95% efficiency - GREEN UPS
<b>CERTIFICATIONS</b>	
UPS Certifications	Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category B (EMI)
<b>WARRANTY</b>	
Product Warranty Period (U.S. & Canada)	3-year limited warranty
Product Warranty Period (International)	2-year limited warranty
Product Warranty Period (Mexico)	3-year limited warranty
Product Warranty Period (Puerto Rico)	3-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	\$100,000 <a href="#">Ultimate Lifetime Insurance</a>

## Related Items

### Optional Products

Related Model	Description	Qty.
<a href="#">CT120</a>	Instant-Read- AC Outlet Circuit Tester	1
<a href="#">DCATV</a>	Network Surge Suppressor - Essential protection for TV/VCR coaxial lines	1
<a href="#">DNET1</a>	Network Surge Suppressor - Essential protection for data and communication lines	1
<a href="#">DTEL2</a>	Network Surge Suppressor - Essential protection for data and communication lines	1

<a href="#">U005-10I</a>	10-inch USB A/A Gold Extension Cable (USB-A Right Angle Male to USB-A Female)	1
<a href="#">U222-004-R</a>	4-Port USB2.0 Ultra-Mini Hub	1
<a href="#">WATCHDOGSW</a>	WatchDog Service Monitoring / Reboot Software	1
<a href="#">WEXT5-INTERNET</a>	5-Year Extended Warranty - For Internet Office, AVR and ECO Series UPS Systems	1

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=3090](http://www.tripplite.com/en/products/model.cfm?txtModelID=3090).

Copyright © 2012 Tripp Lite. All rights reserved. All trademarks are the sole property of their respective owners. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Photos may differ slightly from final products.