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## 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

<b>OUTPUT</b>	
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
<b>INPUT</b>	
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
<b>BATTERY</b>	
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
<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 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

U005-10I	10-inch USB A/A Gold Extension Cable (USB-A Right Angle Male to USB-A Female)	1
U222-004-R	4-Port USB2.0 Ultra-Mini Hub	1
WATCHDOGSW	WatchDog Service Monitoring / Reboot Software	1
WEXT5-INTERNET	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).

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