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 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. 8 total 5-15R outlets. 4 UPS supported outlets maintain battery-derived AC output during power failures and 4 additional outlets offer surge suppression only protection for printers and other accessories not requiring battery support. Single-line telephone suppression jacks protect modems, fax machines, cordless phones and other equipment with standard dialup or DSL RJ-11 phone line connection. USB port with included cable and PowerAlert monitoring software enables safe unattended system shutdown in the 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. 550VA/300 watt power handling ability supports entry-level PCs for up to 17 minutes during power failures. 3-year warranty. $100,000 Ultimate Lifetime Insurance (USA, Puerto Rico and Canada only).

Package Includes

- AVR550U UPS System
- USB cable
- Instruction manual

Features

- AVR550U line interactive UPS offers complete protection from blackouts, brownouts and surges
- 550VA/300 watt power-handling ability supports a variety of PCs, workstations and other sensitive electronics
- Built-in Automatic Voltage Regulation (AVR) boosts brownouts as low as 83 and reduces overvoltages up to 147 back to usable 120V nominal levels
- Maintains battery-derived AC output during blackouts and severe voltage fluctuations with up to 17 minutes runtime for an entry level PC system
- 8 total NEMA 5-15R outlets, two of which are widely spaced to accommodate large transformer plugs without blocking outlets
- 4 outlets feature full battery support, surge suppression and AVR protection for critical equipment loads
- 4 additional outlets offer surge suppression only protection for printers and other accessories not requiring battery support
- Built-in single-line Tel/DSL line surge suppression protects modems, fax machines or cordless phones
- USB port and included cabling offer safe unattended shutdown without data loss when used with PowerAlert UPS monitoring software,

available via free download from

- 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
- Built-in grounding lug offers convenient grounding point in for dataline suppressors and equipment
- Space saving, ultra-compact housing fits almost anywhere
- Keyhole mounting flanges enable secure wallmount installation

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 Access	Battery access door

Battery replacement description	Hot-swappable, user replaceable batteries

VOLTAGE REGULATION

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 128 and 147 are reduced by 12%
Undervoltage correction	Input voltages between 83 and 104 are boosted by 14%

LEDS ALARMS & SWITCHES

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

SURGE / NOISE SUPPRESSION

UPS AC suppression joule rating	420
UPS AC suppression response time	Instantaneous
UPS Dataline suppression	1 line TEL/DSL (1 in / 1 out)
EMI / RFI AC noise suppression	Yes

PHYSICAL

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

ENVIRONMENTAL

Operating Temperature Range	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius
Storage Temperature Range	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius
Relative Humidity	0 to 95%, non-condensing
AC mode BTU / hr. (full load)	54

COMMUNICATIONS

Communications interface	USB (HID enabled)
PowerAlert software	Free download from www.tripplite.com
Communications cable	USB interface cable included
WatchDog compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications

LINE / BATTERY TRANSFER

Transfer time	4 milliseconds
Low voltage transfer to battery power (setpoint)	83
High voltage transfer to battery power (setpoint)	147

SPECIAL FEATURES

Cold Start (startup in battery mode during a power failure)	Cold-start operation supported
High availability UPS features	Hot swappable batteries
Green & high efficiency features	Greater than 95% efficiency - GREEN UPS

CERTIFICATIONS

UPS Certifications	Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category B (EMI)

WARRANTY

Product Warranty Period (U.S., Canada & Puerto Rico)	3-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	$100,000 Ultimate Lifetime Insurance

Related Items

Optional Products

Product Type	Related Model	Description	Qty.
Audio Cables	CT120	Instant-Read- AC Outlet Circuit Tester	1
Extended Warranties	WEXT5-INTERNET	5-Year Extended Warranty - For Internet Office, AVR and ECO Series UPS Systems	1
Software	WATCHDOGSW	WatchDog Service Monitoring / Reboot Software	1
Surge Protectors	DCATV	Network Surge Suppressor - Essential protection for TV/VCR coaxial lines	1
Surge Protectors	DNET1	Network Surge Suppressor - Essential protection for data and communication lines	1

Surge Protectors	DTEL2	Network Surge Suppressor - Essential protection for data and communication lines	1
USB Cables & Adapters	U005-10I	10-inch USB A/A Gold Extension Cable (USB-A Right Angle Male to USB-A Female)	1
USB Hubs/Accessories	U222-004-R	4-Port USB2.0 Ultra-Mini Hub	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.