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Internet AVR UPS

Ultra-compact line-interactive UPS system

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Ultra-compact line-interactive UPS system



Model #: AVRX550U

- ▶ Ultra-compact line-interactive UPS
- ▶ Maintains 230V nominal over an input voltage range of 159 to 282V
- ▶ Workstation -optimized features include USB port (HID-PDC compliant), single-line TEL / DSL surge suppression, 3 battery- and surge-protected outlets and 3 additional surge-only outlets (6 total)
- ▶ Input: C14 inlet (230V) / Output: 6 C13 (230V) / Jumpers: Includes 2 C13 to C14 cables
- ▶ 2 year warranty



Attention Windows Vista™ Users:

Important Notice Regarding Your Tripp Lite UPS System. [Please Click Here.](#)

DESCRIPTION

Tripp Lite's AVRX550U line interactive UPS offers complete protection for PCs, workstations and other sensitive electronics in an attractive ultra-compact, mountable housing. Prevents data loss and system downtime by providing battery-supported AC output during blackout conditions. Built-in Automatic Voltage Regulation (AVR) maintains 230V nominal output during brownouts as low as 159v and overvoltages to 282v. 6 C13 output receptacles. 3 outlets with full battery support and surge suppression protect computers, monitors and other vital system components from loss of power. 3 additional outlets with surge suppression only are ideal for printers and other accessories not requiring battery support. Single-line tel/DSL surge suppression jacks protect modem, fax machine, cordless phone or other peripherals with a standard dialup or DSL phone line connection. USB port with PowerAlert monitoring software and cabling enables safe unattended system shutdown in case of an 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/300W power-handling ability supports entry-level PCs for up to 17 minutes during power failures. 2-year warranty.

KEY BUYING POINTS

- AVRX550U line interactive UPS offers complete protection from blackouts, brownouts and surges on both AC and tel/DSL line connections
- Automatic Voltage Regulation (AVR) maintains 230V nominal output during brownouts as low as 159V and overvoltages to 282V
- 6 C13 outlets total
- 3 battery-supported outlets protect computer, monitor and vital system peripherals; 3 additional surge suppression-only outlets protect printers and other system accessories not requiring battery support
- Uninterruptible power supply (UPS) provides battery-derived AC output during blackouts and and voltage boost/cut operation during brownouts and overvoltages
- 550VA/300W power-handling ability supports a variety of PCs, workstations and other sensitive electronics
- Supports a half load of 275VA for 10 minutes and a full load of 550VA for 3 minutes. Supports entry-level PC systems up to 17 minutes during blackout conditions
- Built-in single line tel/DSL line surge suppression protects modem, fax machine or cordless phone
- USB port, PowerAlert software and cabling 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
- Attractive full color retail packaging

TYPICAL APPLICATIONS

- Basic PCs for home and home office use, network workstations, audio/video equipment, home entertainment systems and other sensitive electronic devices.

OPTIONS & ACCESSORIES

- Watchdog software: [WATCHDOGSW](#)
- USB Hubs: [U222-004-R](#), [U202-004-R](#), [U203-004-R](#), [U205-004-R](#)
- USB Extension Cables: [U004-006](#), [U004-006-R](#), [U004-010](#), [U004-010-R](#), [U005-010I](#)
- USB Extension Cables: [U004-006](#), [U004-006-R](#), [U004-010](#), [U004-010-R](#), [U005-010I](#)
- Power cables: [P004-006](#)

PACKAGE INCLUDES

- UPS System
- PowerAlert Software & USB cable
- Instruction manual with warranty information

COMPLETE SPECIFICATIONS

SYSTEM OVERVIEW

System overview: Ultra-compact line-interactive UPS, 3 UPS supported outlets with surge suppression and 3 surge suppression only outlets, single -line tel/DSL surge suppression and HID-compliant USB monitoring port

Voltage compatibility: 230

Frequency compatibility: 50/60 Hz

OUTPUT

Output volt amp capacity (VA): 550

Output watt capacity (watts): 300

Output nominal voltage: 230

Output voltage regulation: LINE MODE: 230V +8%, -21% / BATTERY MODE: PWM sine wave output 230V +/-5%

Output frequency regulation: LINE MODE: Passes line frequency of 50/60Hz +/-10% BATTERY MODE: Inverter output regulated to 50Hz +/-0.5Hz

Outlet quantity / type: 6 IEC-C13 outlets

INPUT

Input connection type: C14 inlet

Input cord length: Includes two 1.8m C13 to C14 power cables

BATTERY

Full load runtime: 3 min.

Half load runtime: 10 min.

DC system voltage: 12V

Battery recharge rate: 2-4 hours to 90%

VOLTAGE REGULATION

Voltage regulation description: Maintains 230V nominal output over an input voltage range of 159 to 282VAC

Overvoltage correction: Input voltages between 245 and 282 are reduced by 12%

Brownout correction: Input voltages between 159 and 205 are boosted by 14%

LEDS ALARMS & SWITCHES

Front panel LEDs: 2 LEDs indicate line power, battery power status

Alarms:	Audible alarm beeps at regular intervals to indicate battery backup operation. Alarm also sounds during self-test operation.
Switches:	Combination power off/on/ self-test pushbutton switch

SURGE / NOISE SUPPRESSION

AC surge suppression:	320 joules
Dataline suppression:	Tel/DSL
EMI / RFI AC noise suppression:	Yes

PHYSICAL

Unit weight (lbs):	10.4
Unit weight (kg):	4.7
Unit Dimensions (HWD/in):	3.5 x 11 x 5.75
Unit Dimensions (HWD/cm):	8.89 x 27.9 x 14.6
Material of construction:	ABS
Form factors supported:	Ultra-compact
Battery Access:	Hot-swappable batteries are accessible via battery door

ENVIRONMENTAL

Operating Temperature:	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius
Storage Temperature:	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius
Relative Humidity:	0 to 95%, non-condensing

COMMUNICATIONS

Network monitoring port:	USB
Software and cabling included:	Includes USB cable and PowerAlert UPS monitoring software
WatchDog compatibility:	Yes, compatible with 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

LINE / BATTERY TRANSFER

Transfer time from line power to battery mode:	2-4 milliseconds
Low voltage transfer to battery power:	Switches from AC to battery mode as line power drops to 159V or less. System resets to AC mode as line voltage increases to 167V or higher
High voltage transfer to battery power:	Switches from AC to battery mode as line power increases to 282V or higher. System resets to AC mode as line voltage decreases to 274V or less.

CERTIFICATIONS

Certifications:	CE (EN62040), GOST, SASO
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WARRANTY

Product warranty:	2 years
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SPECIAL FEATURES

Cold Start:	Yes, inverter can be "cold started" to enable temporary AC output during a power failure
Appearance:	Attractive black ultra-compact housing

*The policy of Tripp Lite is one of continuous improvement.
Specifications are subject to change without notice.
Therefore, your product may vary slightly from what is currently listed.*

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