Model #: AVRX750U

AVR Series 750VA Ultra-compact Line-Interactive 230V UPS with USB port, C13 outlets

Highlights

- 750VA ultra-compact 230V line interactive UPS
- Corrects brownouts and overvoltages from 159V to 282V
- 3 UPS battery supported outlets, 3 surge-only outlets
- USB port, TEL/DSL protection, Wall mountable
- C14 inlet and 6 C13 outlets

Description

 Tripp Lite's AVRX750U 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

- AVRX750U UPS System
- USB cable
- Two C13 to C14 power cables
- Instruction manual

Features

- AVRX750U ultra-compact 230V line interactive UPS offers complete AC power protection from blackouts, brownouts and transient surges
- 750VA / 450 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
- 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 159 to 282V, without using battery power
- 3 minutes runtime at 100% load (450 watts), 10 minutes runtime at 50% load (225 watts)
- 44 minutes runtime for a desktop computer system consuming 80 watts continuous
- 6 total C13 outlets; Includes two 2m C13 to C14 power cables
- 3 UPS battery backup outlets, plus 3 additional surge-only outlets
- C14 inlet supports a variety of site specific input cordsets
- 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
- 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)	750
Output Watt Capacity (watts)	450
Nominal Output Voltage(s) Supported	220V; 230V; 240V
Nominal Voltage details	230V nominal inverter output voltage
Frequency compatibility	50 / 60 Hz
Output voltage regulation (line mode)	+8%, -21%
Output voltage regulation (Battery mode)	+/- 5%
Built-in UPS output receptacles	6 C13 outlet(s)
Included output power cables	Includes 2 C13 to C14 output power cables
Surge suppression only outlets	3 UPS outlets, 3 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)	10A
Nominal Input Voltage(s) Supported	230V AC
UPS input connection type	C14 inlet
UPS input connection description	Attached 15cm line cord with C14 inlet. The C14 inlet accepts user-supplied AC power cord with country specific plug.
UPS Input cord length (ft.)	0.5
UPS Input cord length (m)	0.2
BATTERY	
Full load runtime (minutes)	3 min. (450w)
Half load runtime (minutes)	10 min. (225w)
DC system voltage (VDC)	12
Replacement battery cartridge (internal UPS battery replacement)	RBC51
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 159 to 282VAC
Overvoltage correction	Input voltages between 245 and 282 are reduced by 12%
Undervoltage correction	Input voltages between 159 and 205 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	320
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)	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)	14.8
UPS / Power Module weight (kg)	6.7
UPS Shipping dimensions (height x width x depth / inches)	5.3 x 14.8 x 9.8
UPS Shipping dimensions (height x width x depth / cm)	13.5 x 37.6 x 24.9
Shipping weight (lbs)	15.4
Shipping weight (kg)	7
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)	20

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	2-4 milliseconds
Low voltage transfer to battery power (setpoint)	159
High voltage transfer to battery power (setpoint)	282

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	CE; Tested to GOST (Russia); Tested to SASO (Saudi Arabia); Meets FCC Part 15 Category B (EMI)

WARRANTY

Product Warranty Period (International)	2-year limited warranty

Related Items

Optional Products

Related Model	Description	Qty.
P004-006	6-ft. 18AWG Power cord (IEC-320-C14 to IEC-320-C13)	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

More information, including related products, owner's manuals, and additional technical specifications, can be found online at

www.tripplite.com/en/products/model.cfm?variables.txtModelID=3190.