

AVR Series 120V 750VA 450W Ultra-Compact Line-Interactive UPS with USB port

MODEL NUMBER: AVR750U



Highlights

- 750VA ultra-compact 120V line interactive UPS
- Corrects brownouts and overvoltages from 83V to 147V
- 6 UPS battery supported outlets, 6 surge-only outlets
- USB port, TEL/DSL protection, Wall mountable, 98% efficient
- NEMA 5-15P input plug and 12 NEMA 5-15R outlets

Package Includes

- AVR750U UPS System
- USB cable
- Instruction manual

Description

Tripp Lite's AVR750U 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.

Features

- AVR750U ultra-compact 120V 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/poweralert
- HID-compliant USB port enables integration with built-in power management and auto-shutdown of Windows and Mac OS X
- Automatic Voltage Regulation / AVR corrects extended brownouts and overvoltages from 83 to 147V, without using battery power
- 44 minutes runtime for a desktop computer system consuming 80 watts continuous



- 12 built-in NEMA 5-15R outlets, two with extra wide spacing to accommodate transformer plugs
- 6 UPS battery backup outlets, plus 6 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
- Optional PDUB15 bypass PDU enable hot-swappable UPS replacement with no disruption to connected equipment
- Space saving, ultra-compact housing with support for wall-mount, desktop or floor placement

Specifications

OVERVIEW	
UPC Code	037332123121
UPS Type	Line-Interactive
OUTPUT	
Output Volt Amp Capacity (VA)	750
Output Watt Capacity (Watts)	450
Nominal Voltage Details	115v nominal output in battery mode
Frequency Compatibility	60 Hz
Output Voltage Regulation (Line Mode)	120V (+8%, -21%)
Output Voltage Regulation (Battery Mode)	+/- 5%
UPS Output Receptacles (Surge Suppression Only)	6 UPS outlets, 6 surge-only outlets
Hot-Swap PDU options	PDUB15 (2U / 8 5-15R outlets)
Output AC Waveform (AC Mode)	Sine wave
Output AC Waveform (Battery Mode)	PWM sine wave
Nominal Output Voltage(s) Supported	110V; 115V; 120V
Output Receptacles	(12) 5-15R



Individually Controllable Load Banks	No
INPUT	
Rated input current (Maximum Load)	12A
Nominal Input Voltage(s) Supported	120V AC
UPS Input Connection Type	5-15P; Right-Angled
UPS Input Cord Length (ft.)	6
UPS Input Cord Length (m)	1.8
Recommended Electrical Service	15A 120V
Input Phase	Single-Phase
BATTERY	
Full Load Runtime (min.)	3 min. (450w)
Half Load Runtime (min.)	8.6 min. (225w)
DC System Voltage (VDC)	12
Battery Recharge Rate (Included Batteries)	12 hours (10% to 90%)
Internal UPS Replacement Battery Cartridge	 RBC51
Battery Access	Battery access door
Battery Replacement Description	Hot-swappable, user replaceable battery
Expandable Runtime	No
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 129 and 147 are reduced by 12%
Undervoltage Correction	Input voltages between 83 and 104 are boosted by 14%
USER INTERFACE, ALERTS & CONTROLS	
Switches	Combination switch controls on/off power status and self-test operation
Audible Alarm	Audible alarm indicates power-failure and overload status
LED Indicators	2 LEDs indicate power status and overload/check battery status
SURGE / NOISE SUPPRESSION	
UPS AC Suppression Joule Rating	420
UPS AC Suppression Response Time	Instantaneous
UPS Dataline Suppression	1 line TEL/DSL (1 in / 2 out)
EMI / RFI AC Noise Suppression	Yes



Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

PHYSICAL	
Installation Form Factors Supported with Included Accessories	Tower; Ultra-compact desktop; Wallmount
Primary Form Factor	Desktop
Primary UPS Depth (mm)	178
Primary UPS Height (mm)	102
Primary UPS Width (mm)	305
Shipping Dimensions (hwd / cm)	27.20 x 16.00 x 38.10
Shipping Dimensions (hwd / in.)	10.71 x 6.30 x 15.00
Shipping Weight (kg)	7.81
Shipping Weight (lbs.)	17.21
UPS Housing Material	ABS
UPS Power Module Dimensions (hwd, cm)	10.16 x 30.48 x 17.78
UPS Power Module Dimensions (hwd, in.)	4 x 12 x 7
UPS Power Module Weight (kg)	6.94
UPS Power Module Weight (lbs.)	15.3
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)	27
AC Mode Efficiency Rating (100% Load)	98%
COMMUNICATIONS	
Communications Interface	USB (HID enabled)
PowerAlert Software	For local monitoring via the UPS's built-in communication ports, download PowerAlert Local software at http://www.tripplite.com/poweralert
Communications Cable	USB interface cable included
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications
Network UPS Tools Compatibility	NUT compatible. See the full list of Tripp Lite NUT compatible UPS systems at http://www.networkupstools.org/stable-hcl.html?manufacturer=Tripp Lite
LINE / BATTERY TRANSFER	
Transfer Time	2 to 4 milliseconds



Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

Low Voltage Transfer to Battery Power (Setpoint)	83
High Voltage Transfer to Battery Power (Setpoint)	147
SPECIAL FEATURES	
Grounding Lug	Included
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
High Availability UPS Features	Hot swappable batteries
Green Energy-Saving Features	Greater than 95% efficiency - GREEN UPS
CERTIFICATIONS	
UPS Certifications	Meets FCC Part 15 Category B (EMI); Tested to CSA (Canada); Tested to NOM (Mexico); Tested to UL1778 (USA)
WARRANTY	
Product Warranty Period (U.S. & Canada)	3-year limited warranty
Product Warranty Period (Latin America)	3-year limited warranty
Product Warranty Period (International)	2-year limited warranty
Product Warranty Period (Mexico)	3-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	\$100,000 Ultimate Lifetime Insurance

© 2019 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies: <https://www.tripplite.com/products/product-certification-agencies>