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Model #: AVR750U

AVR Series Line-Interactive UPS System - Affordable line-interactive protection for PCs and workstations

Highlights



- 750VA ultra-compact line-interactive UPS
- Maintains 120V nominal output over an input range of 83V to 147V
- Workstation-optimized features include USB port (HID-PDC compliant), single-line TEL / DSL surge suppression, 6 battery- and surge-protected outlets and 6 additional surge-only outlets (12 total)
- Space saving right-angle input plug
- Input: NEMA 5-15P (120V 15A) / Output: 12 NEMA 5-15R (120V)
- 3-year product warranty / \$100,000 [Ultimate Lifetime Insurance](#) (USA, Puerto Rico and Canada only)

Description

Tripp Lite's AVR750U 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. Includes 12 output receptacles, 4 of which are widely spaced to accommodate large transformer blocks without obscuring adjacent outlets. 6 outlets feature full battery support and surge suppression, protecting computers, monitors and other vital system components from power loss. 6 additional outlets with surge suppression only are ideal for printers and other peripherals not requiring battery support. Single-line telephone suppression jacks protect modems, fax machines, cordless phones or other equipment with a DSL or standard dialup RJ-11 phone line connection. USB port with included cable and PowerAlert monitoring software enables safe unattended system shutdown in 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. 750VA/450 watt power-handling ability supports entry-level PCs for up to 35 minutes during power failures. 3-year warranty. \$100,000 [Ultimate Lifetime Insurance](#) (USA, Puerto Rico and Canada only).

Package Includes

- AVR750U UPS System
- PowerAlert Software CD-ROM, USB cable, RJ-11 phone cable
- Instruction manual with warranty information

Features

- AVR750U line-interactive UPS offers protection from blackouts, brownouts and surges on both AC and Tel/DSL line connections
- Built-in Automatic Voltage Regulation (AVR) boosts brownouts as low as 83V and reduces overvoltages up to 147V back to usable 120V nominal levels
- 12 outlets, 4 of which are widely spaced to accommodate large transformer blocks without obscuring adjacent outlets
- 6 battery-supported outlets protect computers, monitors and vital system peripherals, plus 6 additional surge suppression-only outlets for printers and other system accessories not requiring battery support
- Provides battery-derived AC output during blackouts, voltage boost during brownouts and voltage reduction during overvoltages
- 750VA/450 watt power-handling ability supports a variety of PCs, workstations and other sensitive electronics
- Supports entry-level PC systems up to 35 minutes during blackout conditions
- Built-in single-line Tel/DSL line surge suppression protects modems, fax machines or cordless phones



- USB port, included USB cable and PowerAlert software 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

Specifications

OUTPUT	
Output Volt Amp Capacity (VA)	750
Output Watt Capacity (watts)	450
Nominal Output Voltage(s) Supported	115v; 120v
Frequency compatibility	60 Hz
Output voltage regulation (line mode)	+8%, -21%
Output voltage regulation (Battery mode)	115V (+/- 5%)
Built-in UPS output receptacles	12 5-15R outlet(s)
Surge suppression only outlets	6 UPS outlets, 6 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; Space saving right angled input plug
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. (450w)
Half load runtime (minutes)	10 min. (225w)



DC system voltage	12V DC
Battery recharge rate (included batteries)	Less than 27 hours from 10% to 90%
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 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%
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 protection (1 in / 2 out - splitter)
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)	15.3
UPS / Power Module weight (kg)	6.9
UPS Shipping dimensions (height x width x depth / inches)	5.5 x 14.5 x 9.8



UPS Shipping dimensions (height x width x depth / cm)	14 x 36.8 x 24.8
Shipping weight (lbs)	16.8
Shipping weight (kg)	7.6
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)	63.8
Battery mode BTU / hr. (full load)	431.5
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 to 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); Meets FCC Part 68 / Industrie Canada (telecommunications); ROHS (Reduction of Hazardous Substances)
WARRANTY	
Standard warranty period	3 years



Connected equipment insurance (USA, Canada, Puerto Rico)

\$100,000 connected equipment insurance

Related Items

Optional Products

Product Type	Related Model	Description	Qty.
Audio Cables	CT120	Instant-Read- AC Outlet Circuit Tester	-
Extended Warranties	WEXT5-INTERNET	5-Year Extended Warranty - For Internet Office Models	-
Software	WATCHDOGSW	WatchDog Service Monitoring / Reboot Software	-
Surge Protectors	DTEL2	Network Surge Suppressor - Essential protection for data and communication lines	-
Surge Protectors	DNET1	Network Surge Suppressor - Essential protection for data and communication lines	-
Surge Protectors	DCATV	Network Surge Suppressor - Essential protection for TV/VCR coaxial lines	-
USB Cables & Adapters	U005-10I	USB Gold Extension cable - USB "A" Right Angle Male to USB "A" Female - 10"	-
USB Hubs/Accessories	U222-004-R	USB Hubs - 4-Port USB 2.0 Certified Ultra-Mini Hub	-

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=3141.

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