

AVR Series 230V 750VA 450W Ultra-Compact Line-Interactive UPS with USB port, CEE7/7 Schuko Outlets

MODEL NUMBER: AVRX750UD



Highlights

- 750VA ultra-compact 230V line interactive UPS
- Corrects brownouts and overvoltages from 159V to 282V
- 4 UPS battery supported outlets, 4 surge-only outlets
- USB port, TEL/DSL protection, Wall mountable, 99% efficient
- CEE 7/7 Schuko input & output connections

Package Includes

- AVRX750UD UPS System
- USB Cable
- Quick start guide

Description

Tripp Lite's AVRX750UD 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

- AVRX750UD 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/poweralert
- 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

- 2.4 minutes runtime at 100% load (450 watts), 8.6 minutes runtime at 50% load (225 watts)
- 31 minutes runtime for a desktop computer system consuming 80 watts continuous
- 8 total CEE7/7 SCHUKO outlets
- 4 UPS battery backup outlets, plus 4 additional surge-only outlets
- CEE7/7 SCHUKO input connection with 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
- 99% line mode efficiency rating uses less energy and BTU emissions
- 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
- 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 output in battery mode |
| Frequency Compatibility | 50 / 60 Hz |
| Frequency Compatibility Details | Automatic frequency selection |
| Output Voltage Regulation (Line Mode) | +8%, -21% |
| Output Voltage Regulation (Battery Mode) | +/- 5% |
| Output Receptacles | (8) CEE7/7 |
| UPS Output Receptacles (Surge Suppression Only) | 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 (Maximum Load) | 10A |



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|---|--|
| Nominal Input Voltage(s) Supported | 230V AC |
| UPS Input Connection Type | CEE 7/7 Schuko |
| UPS Input Cord Length (ft.) | 6 |
| UPS Input Cord Length (m) | 1.8 |
| Input Phase | Single-Phase |
| BATTERY | |
| Full Load Runtime (min.) | 2.4 min. (450w) |
| Half Load Runtime (min.) | 8.6 min. (225w) |
| DC System Voltage (VDC) | 12 |
| Battery Recharge Rate (Included Batteries) | Less than 16 hours from 10% to 90% |
| Internal UPS Replacement Battery Cartridge | <u>RBC51</u> (QTY 1) |
| Battery Access | Battery access door |
| Battery Replacement Description | Hot-swappable, user replaceable batteries |
| Expandable Runtime | No |
| 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% |
| 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 | 575 |
| 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 | Ultra-compact desktop |



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| | |
|--|---|
| Primary Form Factor | Desktop |
| UPS Power Module Dimensions (hwd, in.) | 4.73 x 11 x 6 |
| UPS Power Module Dimensions (hwd, cm) | 12.01 x 27.94 x 15.24 |
| UPS Power Module Weight (lbs.) | 13.2 |
| UPS Power Module Weight (kg) | 5.99 |
| UPS Shipping Dimensions (hwd / in.) | 7.3 x 14.2 x 9.53 |
| UPS Shipping Dimensions (hwd / cm) | 18.54 x 36.07 x 24.21 |
| Shipping Weight (lbs.) | 14 |
| Shipping Weight (kg) | 6.4 |
| UPS Housing Material | ABS |
| Primary UPS Height (mm) | 120 |
| Primary UPS Width (mm) | 279 |
| Primary UPS Depth (mm) | 152 |
| Shipping Height (mm) | 185 |
| Shipping Width (mm) | 361 |
| Shipping Depth (mm) | 242 |
| 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) | 16 |
| Battery Mode BTU / Hr. (Full Load) | 408 |
| AC Mode Efficiency Rating (100% Load) | 99% |
| COMMUNICATIONS | |
| Communications Interface | USB |
| 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 |



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| LINE / BATTERY TRANSFER | |
|---|--|
| Transfer Time | 4 milliseconds (line to battery mode) / 1 millisecond (battery to line mode) |
| 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 Energy-Saving Features | Greater than 95% efficiency - GREEN UPS |
| CERTIFICATIONS | |
| UPS Certifications | CE; Meets FCC Part 15 Category B (EMI); ROHS (Restriction of Hazardous Substances) |
| UPS Certification Details | IEC 62040, IEC 60950, EN 62040 |
| WARRANTY | |
| Product Warranty Period (International) | 2-year limited warranty |

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