

## AVR Series 230V 550VA 300W Ultra-Compact Line-Interactive UPS with USB port, CEE7/7 Schuko Outlets

MODEL NUMBER: **AVRX550UD**



### Highlights

- 550VA 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 and output connections

### Package Includes

- AVRX550UD UPS System
- USB Cable
- Quick start guide

### Description

The AVRX550UD 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 macOS or full featured monitoring and data-saving auto-shutdown options using free PowerAlert® monitoring software.

### Features

- AVRX550UD ultra-compact 230V line interactive UPS offers complete AC power protection from blackouts, brownouts and transient surges
- 550VA / 300 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 PowerAlert software, available via FREE download from [tripplite.eaton.com/products/power-alert](http://tripplite.eaton.com/products/power-alert)
- HID-compliant USB port also enables integration with built-in power management and auto shutdown features of Windows and macOS
- Automatic Voltage Regulation / AVR corrects extended brownouts and overvoltages from 159 to 282V, without using battery power
- 3 minutes runtime at 100% load (300 watts), 9.7 minutes runtime at 50% load (150 watts)
- 20 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 protection is available from all outlets
- Built-in data line surge suppression protects a single dialup or DSL line



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- 99% line mode efficiency rating uses less energy and BTU emissions
- Supports 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

| OVERVIEW  |                                     |
|---|-------------------------------------|
| UPC Code  | 037332156822                        |
| UPS Type  | Line-Interactive                    |
| INPUT   |                                     |
| Input Phase                                     | Single-Phase                        |
| Rated input current (Maximum Load)              | 10A                                 |
| 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                                 |
| OUTPUT  |                                     |
| Output Capacity (VA)                            | 550                                 |
| Output Capacity (kVA)                           | 0.55                                |
| Output Capacity (Watts)                         | 300                                 |
| Output Capacity (kW)                            | 0.3                                 |
| 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%                              |
| 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                       |
| Nominal Output Voltage(s) Supported             | 220V; 230V; 240V                    |
| Output Receptacles                              | (8) CEE7/7                          |



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|   |  |
|---|--|
| Individually Controllable Load Banks                          | No   |
| <b>BATTERY</b>  |  |
| Battery Type  | Valve Regulated Lead Acid (VRLA)   |
| Runtime Full Load (min.)                                      | 3 min. (300W)  |
| Runtime Half Load (min.)                                      | 9.7 min. (150W)  |
| Expandable Runtime  | No   |
| DC System Voltage (VDC)                                       | 12   |
| Battery Recharge Rate (Included Batteries)                    | Less than 15 hours from 10% to 90%   |
| Battery Access  | Battery access door  |
| Battery Replacement Description                               | Hot-swappable, user replaceable batteries  |
| <b>VOLTAGE REGULATION</b>                                     |  |
| 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%  |
| <b>USER INTERFACE, ALERTS &amp; CONTROLS</b>                  |  |
| 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   |
| <b>SURGE / NOISE SUPPRESSION</b>                              |  |
| 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  |
| <b>PHYSICAL</b>   |  |
| Primary Form Factor   | Desktop  |
| Installation Form Factors Supported with Included Accessories | Tower; Ultra-compact desktop; Wallmount  |
| Primary UPS Depth (mm)  | 152  |
| Primary UPS Height (mm)                                       | 120  |
| Primary UPS Width (mm)  | 279  |
| Shipping Dimensions (hwd / in.)                               | 7.30 x 14.20 x 9.53  |
| Shipping Dimensions (hwd / cm)                                | 18.54 x 36.07 x 24.21  |
| Shipping Weight (lbs.)  | 12.30  |



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|   |   |
|---|---|
| Shipping Weight (kg)  | 5.58  |
| UPS Housing Material  | ABS   |
| UPS Power Module Dimensions (hwd, cm)                       | 12.01 x 27.94 x 15.24   |
| UPS Power Module Dimensions (hwd, in.)                      | 4.73 x 11 x 6   |
| UPS Power Module Weight (kg)                                | 5.22  |
| UPS Power Module Weight (lbs.)                              | 11.5  |
| Unit Weight (lbs.)  | 11.5000   |
| Unit Weight (kg)  | 5.22  |
| <b>ENVIRONMENTAL</b>  |   |
| Operating Temperature Range                                 | 32° to 104°F (0° to 40°C)   |
| Storage Temperature Range                                   | 5° to 122°F (-15° to 50°C)  |
| Relative Humidity   | 0 to 95%, non-condensing  |
| AC Mode BTU / Hr. (Full Load)                               | 16  |
| AC Mode Efficiency Rating (100% Load)                       | 99%   |
| <b>COMMUNICATIONS</b>                                       |   |
| PowerAlert Software   | For local monitoring via the UPS's built-in communication ports, download PowerAlert software at <a href="https://tripplite.eaton.com/products/power-alert">https://tripplite.eaton.com/products/power-alert</a>                      |
| Communications Cable  | USB interface cable included  |
| WatchDog Compatibility                                      | Supports Watchdog application, OS and hard-reboot restart options for remote applications   |
| Network UPS Tools (NUT) Compatibility                       | NUT compatible. See a full list of NUT compatible Tripp Lite UPS systems at <a href="https://networkupstools.org/stable-hcl.html?manufacturer=Tripp%20Lite">https://networkupstools.org/stable-hcl.html?manufacturer=Tripp%20Lite</a> |
| Network Management Card Description                         | Network management not supported  |
| Communications Interface                                    | USB (HID enabled)   |
| <b>LINE / BATTERY TRANSFER</b>                              |   |
| Transfer Time   | 5 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   |
| <b>FEATURES &amp; SPECIFICATIONS</b>                        |   |
| Cold Start (Startup in Battery Mode During a Power Failure) | Cold-start operation supported  |
| High Availability UPS Features                              | Automatic Voltage Regulation (AVR); Hot swappable batteries; Surge/noise protection   |
| Green Energy-Saving Features                                | Greater than 95% efficiency - GREEN UPS   |

| APPLICATIONS                            |  |
|---|--|
| UPS Applications                        | Home/Office Desktop; Audio/Video             |
| STANDARDS & COMPLIANCE                  |  |
| Product Certifications                  | IEC/EN 62040                                 |
| Product Compliance                      | RoHS; CE (Europe); FCC Part 15 Class B (USA) |
| WARRANTY & SUPPORT                      |  |
| Product Warranty Period (International) | 2-year limited warranty                      |

1000 Eaton Boulevard  
Cleveland, OH 44122  
United States  
<https://tripplite.eaton.com>

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