AVR Series 230V 550VA 300W Ultra-Compact Line-Interactive UPS with USB port, C13 Outlets

MODEL NUMBER: **AVRX550U**







Highlights

- 550VA 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

Package Includes

- AVRX550U UPS System
- USB cable
- Two C13 to C14 power cables
- Instruction manual

Description

AVRX550U 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

- AVRX550U 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
- 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
- 5.1 minutes runtime at 50% load (150 watts)
- Up to 10 minutes runtime for a small 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 protection is available from all outlets
- Built-in data line surge suppression protects a single dialup or DSL line
- 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

- Built-in grounding lug
- Hot swappable user battery replacement supported via easy access battery access door
- Optional PDUBHV10 bypass PDU enables 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	037332123473
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	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
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%
Included Output Power Cables	Includes 2 C13 to C14 output power cables
UPS Output Receptacles (Surge Suppression Only)	3 UPS outlets, 3 surge-only outlets
Hot-Swap PDU options	PDUBHV10 (2U / 8 C13 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	(6) C13
Individually Controllable Load Banks	No
BATTERY	
Battery Type	Valve Regulated Lead Acid (VRLA)
Runtime Full Load (min.)	1.6 min. (300W)
Runtime Half Load (min.)	5.1 min. (150W)
Expandable Runtime	No
DC System Voltage (VDC)	12
Battery Access	Battery access door
Internal UPS Replacement Battery Cartridge	IMPORTANT BATTERY REPLACEMENT INFORMATION > If the original battery inside your AVRX550U UPS has a rating of 12V 3.6AH, please order Tripp Lite RBC36H (quantity 1) replacement battery; If the original battery inside your AVRX550U UPS has a rating of 12V 5AH, please contact Tripp Lite for assistance
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%
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	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	
Primary Form Factor	Desktop
Installation Form Factors Supported with Included Accessories	Tower; Ultra-compact desktop; Wallmount

Primary UPS Depth (mm)	147
Primary UPS Height (mm)	89
Primary UPS Width (mm)	279
Shipping Dimensions (hwd / in.)	4.60 x 13.40 x 8.80
Shipping Dimensions (hwd / cm)	11.68 x 34.04 x 22.35
Shipping Weight (lbs.)	10.20
Shipping Weight (kg)	4.63
UPS Housing Material	ABS
UPS Power Module Dimensions (hwd, cm)	8.89 x 27.94 x 14.73
UPS Power Module Dimensions (hwd, in.)	3.5 x 11 x 5.8
UPS Power Module Weight (kg)	3.86
UPS Power Module Weight (lbs.)	8.5
Unit Weight (lbs.)	8.4900
Unit Weight (kg)	3.85
ENVIRONMENTAL	
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)	54
AC Mode Efficiency Rating (100% Load)	95%
COMMUNICATIONS	
PowerAlert Software	For local monitoring via the UPS's built-in communication ports, download PowerAlert software at https://tripplite.eaton.com/products/power-alert
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 https://networkupstools.org/stable-hcl.html?manufacturer=Tripp%20Lite
Network Management Card Description	Network management not supported
Communications Interface	USB (HID enabled)
LINE / BATTERY TRANSFER	
Transfer Time	4 milliseconds
Low Voltage Transfer to Battery Power (Setpoint)	159

High Voltage Transfer to Battery Power (Setpoint)	282
FEATURES & SPECIFICATIONS	
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
Grounding Details	Included
APPLICATIONS	
UPS Applications	Home/Office Desktop; Audio/Video
STANDARDS & COMPLIANCE	
Product Certifications	GOST (Russia)
Product Compliance	RoHS; SASO (Saudi Arabia); 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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