

Specifications



Eaton AVR550U

550VA 300W Line-Interactive UPS - 8 NEMA 5-15R Outlets, AVR, 120V, 50/60 Hz, USB, Desktop/Wall Mount

General specifications

PRODUCT NAME	Eaton Tripp Lite series UPS
CATALOG NUMBER	AVR550U
UPC	037332211453
PRODUCT LENGTH/DEPTH	12 in
PRODUCT HEIGHT	4.33 in
PRODUCT WIDTH	6.4 in
PRODUCT WEIGHT	13.11 lb
COMPLIANCES	RoHS FCC Class A CE Marked REACH FCC Compliant ENERGY STAR certified
CERTIFICATIONS	CSA certified RETIE UL 1778 NOM
GLOBAL CATALOG	AVR550U
PRODUCT TYPE	UPS



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Product specifications

TOPOLOGY	Line-interactive
RACK SIZE	0U
VA RATING	550 VA
PACKAGE CONTENTS	<ul style="list-style-type: none">• AVR550U 550VA 300W 120V Line-Interactive UPS with 8 Outlets• USB cable• Owner's manual
INPUT NOMINAL VOLTAGE	120V AC
NOMINAL FREQUENCY	50/60 Hz
INPUT FREQUENCY RANGE	50/60 Hz
RECEPTACLE	5-15R
OUTPUT NOMINAL VOLTAGE	110 / 120V
ELECTRIC CURRENT - MAX	<ul style="list-style-type: none">• 6A• 6
BATTERY REPLACEMENT	IMPORTANT BATTERY REPLACEMENT INFORMATION > If the original battery inside your AVR550U UPS has a rating of 12V 7AH, please order Tripp Lite RBC51 (quantity 1) replacement battery; If the original battery inside your AVR550U UPS has a rating of 12V 3.6AH, please order Tripp Lite RBC36H (quantity 1) replacement battery; If the original battery inside your AVR550U UPS has a rating of 12V 5AH, please contact Tripp Lite for assistance
BATTERY TYPE	Valve Regulated Lead Acid (VRLA)
RUNTIME AT HALF LOAD	9 min
RELATIVE HUMIDITY	0-90% non-condensing
INPUT PLUG TYPE	NEMA 5-15P
OUTPUT RECEPTACLES	5-15R
POWERALERT SOFTWARE	For local monitoring via the UPS's built-in communication ports, download PowerAlert software at https://tripplite.eaton.com/products/power-alert
NOMINAL OUTPUT VOLTAGE	110V 115V 120V
NETWORK MANAGEMENT CARDS DETAILS	Network management not supported
PHASE (INPUT)	Single-phase

RUNTIME AT FULL LOAD	2 min. (300W)
COMMUNICATION INTERFACE	USB (HID enabled) USB interface cable included
BATTERY ACCESS	Battery access door
DC VOLTAGE	12
OPERATING TEMPERATURE RANGE	32° to 104°F (0° to 40°C)
COMMUNICATIONS CABLE	USB interface cable included
GROUNDING DETAILS	Includes side-panel grounding lug
INPUT CIRCUIT BREAKERS	7A
HIGH VOLTAGE TRANSFER TO BATTERY POWER	145
LOW VOLTAGE TRANSFER TO BATTERY POWER	89
UNDERVOLTAGE CORRECTION	Input voltages between 89 and 108 are boosted by 18%
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
APPLICATION	<ul style="list-style-type: none"> • Home/Office Desktop • Retail/Point of Sale • Hospitality
SWITCH CONFIGURATION	Power off/on switch
AC SUPPRESSION JOULE RATING	316
HOUSING MATERIAL	ABS
OUTPUT AC WAVEFORM (AC MODE)	Pure sine wave
OUTPUT AC WAVEFORM (BATTERY MODE)	PWM sine wave
OUTPUT CAPACITY (KVA)	0.55
OUTPUT CAPACITY (WATTS)	300
OPERATING ELEVATION	Up to 3000m
PRIMARY UPS DEPTH (MM)	305
PRIMARY UPS HEIGHT (MM)	110

PRIMARY UPS WIDTH (MM)	163
AC SUPPRESSION RESPONSE TIME	Instantaneous
AUDIBLE ALARMS	UPS remains silent in battery backup mode; Alarm sounds only to report low-battery, fault, overload and replace-battery conditions
BATTERY START CAPABILITY	Cold-start operation supported
BATTERY REPLACEMENT DESCRIPTION	Replaceable internal batteries (see manual)
LED INDICATORS	2 Status LEDs; GREEN indicates power status and operating mode / RED indicates battery-low, overload, replace-battery and fault conditions (see manual)
OUTPUT VOLTAGE REGULATION (LINE MODE)	120V (+6%/-12%)
OUTPUT VOLTAGE REGULATION(BATTERY MODE)	120V (±10%)
OVERVOLTAGE CORRECTION	Input voltages between 128 and 145 are reduced by 15%
RECHARGEABLE BATTERY	8 hours (10% to 90%)
RECOMMENDED ELECTRICAL SERVICE	15A 120V
STORAGE TEMPERATURE	5° to 113°F (-15° to 45°C)
FORM FACTOR	Desktop Tower Wall-mount
NOMINAL VOLTAGE DETAILS	120v nominal output in battery mode
VOLTAGE REGULATION DESCRIPTION	Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 89 to 145
WATCHDOG COMPATIBILITY	Supports Watchdog application, OS and hard-reboot restart options for remote applications
MAXIMUM INPUT AMPS	6
UPS INPUT CORD LENGTH (M)	1.5
UPS POWER MODULE DIMENSIONS	4.33 x 6.4 x 12
POWER MODE TRANSFER TIME	6 milliseconds typical (10 milliseconds max)
TOTAL OUTLETS	8

OUTPUT CAPACITY (VA)	550
CONNECTED EQUIPMENT INSURANCE	\$100,000 Ultimate Lifetime Insurance
EMI AC NOISE SUPPRESSION	EMI / RFI AC Noise Suppression
UPS INPUT CONNECTION TYPE	5-15P
GREEN ENERGY-SAVING FEATURES	Greater than 95% efficiency - GREEN UPS
UPS DATALINE SUPPRESSION	1 line TEL/DSL or Ethernet
UPS OUTPUT RECEPTACLES	4 UPS outlets, 4 surge-only outlets
HIGH AVAILABILITY UPS FEATURES	Surge/noise protection Automatic voltage regulation (AVR)
NOMINAL INPUT VOLTAGE SUPPORTED	120V AC

Resources

BROCHURES	Integrated Solutions Brochure (English)
	Storm Season is Here Again Flyer (English)
	ENERGY STAR 2.0 Compliant UPS Systems in Colorado, Vermont and Washington State
MANUALS AND USER GUIDES	Owner's Manual for AVR-Series UPS Systems (Multi-language)
TECHNICAL DATA SHEETS	Runtime Chart for AVR550U

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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