

PRODUCT SPECIFICATION SHEET

Product Name: Tripp Lite AVR Series UPS System

Estimated Runtime - Load in Watts															
UPS	20W	40W	60W	80W	100W	140W	200W	260W	300W	340W	400W	300W	340W	400W	
AVR550U	99	46	28	20	15	9.8	5.1	3.2	3.0			-	-	-	
AVR750U	210	100	62	44	33	22	14	8.6	6.8	5.6	4.2	3.5	-	-	
AVR900U	154	78	50	36	27	—	11	—	6.1	—	3.7	5.5	4.3	3.2	
		AVR550U					AVR750U					AVR900U			
System Overview															
Voltage compatibility		120VAC				120VAC				120VAC					
Frequency compatibility		60Hz				60Hz				60Hz					
Output															
Output VA		550				750				900					
Output watts		300				450				480					
Output nominal voltage		120VAC				120VAC				120VAC					
Output voltage regulation		Sine wave 120V +8% / -21% (line mode) / PWM sine wave 115V +/-5% (battery mode)				Sine wave 120V +8% / -21% (line mode) / PWM sine wave 115V +/-5% (battery mode)				Sine wave 120V +14% / -12% (line mode) / PWM sine wave 115V +/-5% (battery mode)					
Output frequency regulation		LINE MODE: Passes line frequency of 60Hz +/-10% BATTERY MODE: Inverter output regulated to 60Hz +/-0.5Hz				LINE MODE: Passes line frequency of 60Hz +/-10% BATTERY MODE: Inverter output regulated to 60Hz +/-0.5Hz				LINE MODE: Passes line frequency of 60Hz +/-10% BATTERY MODE: Inverter output regulated to 60Hz +/-0.5Hz					
Outlet quantity / type		8 NEMA 5-15R				12 NEMA 5-15R				12 NEMA 5-15R					

	AVR550U	AVR750U	AVR900U
Input			
Maximum input amps	12A	12A	12A
Input connection type	NEMA 5-15P, right-angle plug	NEMA 5-15P (space saving right-angle plug)	NEMA 5-15P (space saving right-angle plug)
Input cord length	6ft (1.8m)	6ft (1.8m)	6ft (1.8m)
Recommended Electrical Service	120V 15A	120V 15A	120V 15A
Battery			
Full load runtime	3 minutes	3 minutes (750VA)	3 minutes (900VA)
Half load runtime	9 minutes	10 min (375VA)	10 min (450VA)
DC system voltage	12 VDC	12 VDC	12 VDC
Typical battery lifespan	3-6 years, depending on usage	3-6 years, depending on usage	3-6 years, depending on usage
Battery recharge rate	2-4 hours to reach 90% charge	2-4 hours to reach 90% charge	2-4 hours to reach 90% charge
Replacement Battery Cartridge	—	RBC51	—
Voltage Resolution			
Voltage regulation description	Automatic voltage regulation maintains 120V nominal over an input voltage range of 83V to 147V		
Overvoltage correction	Output voltage is reduced by 12% as line voltage increases to 128V or higher		
Brownout correction	Output voltage is boosted by 14% as line voltage decreases to 104V or lower		
LEDs Alarms & Switches			
Front panel LEDs	2 LEDs indicate line power, battery power status	2 LEDs indicate line power, battery power status	2 LEDs indicate line power, battery power/over-load status
Alarms	Audible alarm beeps at regular intervals to indicate battery backup operation. Alarm also sounds during self-test operation. Alarm can be disabled altogether via PowerAlert software		
Switches	Combination power off / on / self-test push button switch		
Surge / Noise Suppression			
AC surge suppression	400 joules	400 joules	252 Joules
Dataline suppression	Tel/DSL		
EMI / RFI AC noise suppression	Yes		

	AVR550U	AVR750U	AVR900U
Physical			
Unit weight	10.95 lbs (4.97 kg)	15.3 lbs (6.9 kg)	15.3 lbs (6.9 kg)
Unit dimensions	3.55"H x 11.25"W x 6"D (8.89cm x 28.56cm x 15.24cm)	4"H x 12"W x 7"D (10.2cm x 30.5cm x 17.8cm)	4"H x 12"W x 7"D (10.2cm x 30.5cm x 17.8cm)
Material of construction	ABS		
Form factors supported	Ultra-compact		
Battery Access	Hot-swappable batteries are accessible via battery door	Hot-swappable batteries are accessible via battery door	via battery access door.
Environmental			
Operating Temperature	32°F to 104°F (0°C to 40°C)	32°F to 104°F (0°C to 40°C)	—
Storage Temperature	5°F to 122°F (-15°C to 50°C)	5°F to 122°F (-15°C to 50°C)	—
Relative Humidity	0 to 95%, non-condensing		
Communications			
Network monitoring port	—	USB (HID)	USB (HID)
Software and cabling included	—	Includes USB cable, PowerAlert UPS monitoring software CD-ROM, RJ-11 phone cable	Includes USB cable, PowerAlert UPS monitoring software CD-ROM, RJ-11 phone cable
WatchDog compatibility	—	Yes, compatible with 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	Yes, compatible with 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
Line / Battery Transfer			
Transfer time from line power to battery mode	2-4 milliseconds		
Low voltage transfer to battery power	Switches to battery power as line voltage drops to 83V or lower / Resets to AC mode as line voltage increases to 87V or higher		
High voltage transfer to battery power	Switches to battery power as line voltage increases to 147V or higher / Resets to line power as line voltage drops to 143V or less		

	AVR550U		AVR750U	AVR900U
Special Features				
Cold Start	Yes, inverter can be "cold started" to enable temporary AC output during a power failure			
Appearance	—	—	All black ultra-compact housin	
Certifications				
Certifications	Tested to UL1778 (USA), CSA C22.2 No. 107.3 (Canada), NOM (Mexico), Class B (Emissions), FCC Part 68 and Industry Canada (Telecommunications)			
Warranty				
Manufacturer's product warranty	2-years			
Connected equipment insurance	\$100,000 (USA, Canada, & Puerto Rico only)	\$100,000 (USA & Canada only)	\$100,000 (USA, Canada, & Puerto Rico only)	
Optional coverage	Optional 3 and 5 year on site or factory warranties available for select opportunities			