



INTERACTIVE SAT UPS 1000 VA 220V / 500 W

SAT UR1000+ 220VAC

FEATURES

- ✓ CPU Controlled.
- ✓ Automatic Restart when AC Voltage is Detected.
- ✓ Silent Mode Configuration.
- ✓ Low Battery Voltage Protection.
- ✓ Overvoltage and Short-Circuit Protection.
- ✓ Wide Input Voltage Range.
- ✓ AVR (Automatic Voltage Regulator).

DESCRIPTION

The SAT UR1000+ Interactive UPS, with a 500W capacity, is equipped with 6 power outlets: 4 battery-backed outlets and 2 regulated outlets. Its 12V/9Ah internal battery provides a backup time ranging from 7 to 15 minutes, depending on the connected load.

This device includes an AVR (Automatic Voltage Regulator) system and protection against overloads and voltage spikes, ensuring electrical stability. The rectifier keeps the battery continuously charged, while the inverter activates only when the input voltage falls outside set parameters. Its fast transfer time from 2 to 7 milliseconds (maximum 10ms) guarantees reliable performance. At full load, the runtime is 7 minutes. Additionally, it comes with a 2-year warranty, including battery coverage.



Protection Against Outages: The SAT UPS provides instant backup power during outages, preventing data loss and interruptions to critical operations.



Voltage Stabilization: Regulates the voltage supplied to connected equipment, protecting it from variations, spikes, and drops in voltage that can damage components.



Productivity Maintenance: Downtime is avoided by keeping systems operations during power interruptions, allowing employees to continue working seamlessly.



Backup for Critical Processes: In industries reliant on technological equipment for critical processes, a UPS ensures operational continuity, safeguarding the integrity of applications, networks, and vital systems.

TARGET MARKETS AND USES

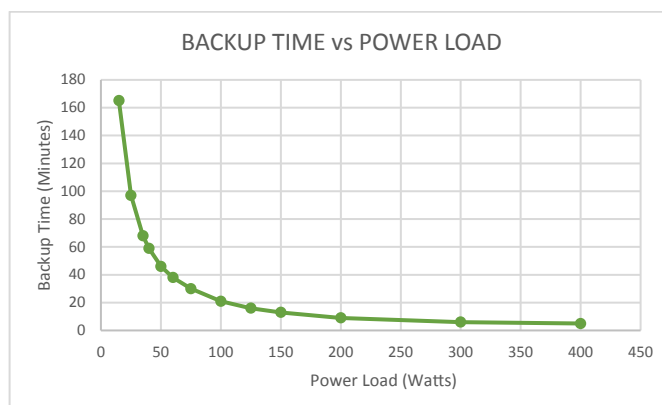




SPECIFICATIONS	DESCRIPTION	
MODEL	1000VA / 500W	
	120 V AC	220 V AC
INPUT		
INPUT VOLTAGE	110 - 120 V AC	220 / 230 / 240 VAC
INPUT VOLTAGE RANGE	85 - 150 V AC	145 - 290 V AC
FREQUENCY RANGE	45 - 65 Hz	
OUTPUT		
OUTPUT VOLTAGE	110 / 120 VAC	220 / 230 / 240 VAC
OUTPUT VOLTAGE RANGE	102 - 132 VAC	200 - 255 VAC
OUTPUT FREQUENCY	60±0.5Hz	50±0.5Hz
OUTPUT WAVEFORM	PWM (Battery Mode)	
TRANSFER TIME	Typically 2 to 6 ms, Maximum 10 ms	
BATTERY		
BATTERY TYPE & CAPACITY	12V - 9AH x 1 pcs	
CHARGING TIME	4 - 6 Hours to recover 90% capacity	
PROTECTION		
FULL PROTECTION	Protection against low voltage, overload, and short circuit	
PHYSICAL		
NET WEIGHT	4,3 Kg	
DIMENSIONS	284 x 94 x 140 (mm)	
ENVIROMENT		
OPERATING CONDITIONS	Temperature 0°C~40°C, Humidity 20%~90%	
NOISE LEVEL	Less than 40 Db	
MANAGEMENT		
LCD or LED, RJ45/11 y USB	Optional	

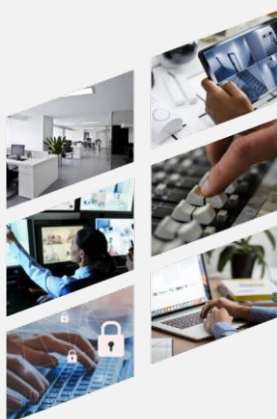
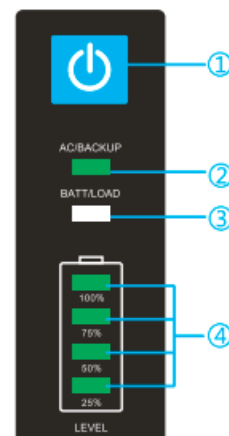
UPS AUTONOMY

MODEL	POWER LOAD (Watts)	BACKUP TIME (Minutes)
SAT UR1000+	15	165
	25	97
	35	68
	40	59
	50	46
	60	38
	75	30
	100	21
	125	16
	150	13
	200	9
	300	6
	400	5



MONITORING CONTROL

1. ON / OFF Switch
2. AC / Backup Status (in AC mode, the LED remains continuously lit; in backup mode, the LED blinks every 8 seconds).
3. Battery Status / Charge Level.



MONITORING CONTROL

SAT interactive UPS systems are ideal for offices, small businesses, and homes, protecting equipment such as computers, printers, servers, and entertainment systems.

They are also useful in retail environments for point-of-sale systems and security cameras, as well as in educational or medical settings, safeguarding essential electronic and medical equipment during power disruptions.

BATTERY BANK (ONLINE UPS ONLY)

All SAT Online UPS models are equipped with a slot for connecting additional battery banks, enabling easy extension of backup time. This feature is ideal for businesses requiring continuous and flexible power protection, adapting to the demands of diverse environments and ensuring greater autonomy during power outages.



EXTENSIVE SAT UPS PORTFOLIO

At SAT, we offer a wide range of power solutions with both online and interactive UPS systems, tailored to diverse needs. Our portfolio includes interactive models from 600VA to 2000VA and online UPS systems ranging from 1KVA to 20KVA, available in single-phase, two-phase, and three-phase configurations. These solutions deliver reliable protection for any environment, ensuring the continuity of your critical operations.