



Back-UPS RS 500VA

APC Back-UPS RS, 500VA/300W, Input 230V/Output 230V
Includes: CD with software, USB cable, User Manual

Part Number : **BR500I**



Best solution for poor power regions and applications requiring longer runtimes.

This high performance desktop battery backup features maximum protection in a versatile design. The fully featured APC Back-UPS RS can be placed on the floor, or on a shelf. Up to six battery backup outlets with automatic voltage regulation (AVR) enable you to work through even the most frequent brownouts and power sags, keeping 75/90/110 minutes of battery power for when you need it most. For printers and other devices that do not store or process information, up to three additional outlets provide surge protection. Both Ethernet 10/100BaseT and telephone dataline surge protection safeguards against surges entering via network connections. The PowerChute Personal Edition software features easy-to-use safe system shutdown with sophisticated power management.

Features & Benefits

Protection

Battery-protected and surge-only outlets	Reserves power capacity and run time for connected equipment that require battery back-up while providing surge only protection for less critical equipment
Boost and Trim Automatic Voltage Regulation (AVR)	Automatically corrects low and high voltage conditions, allowing you to work through brownouts and overvoltages without discharging the battery. This saves battery life, increases uptime, and improves your productivity.
Dataline Surge Protection	Provides protection of connected equipment from power surges on the data lines.
Lifetime data recovery warranty	Provides peace of mind by providing professional data recovery services in the event data is lost due to the failure of the unit.
Safety-agency approved	Ensures product testing and approval to work safely with the connected loads and within the environment.
Power conditioning	Protects connected loads from surges, spikes, lightning, and other power disturbances.

Convenience



Audible alarms	Provides notification of changing utility power and UPS conditions.
Automatic restart of loads after UPS shutdown	Automatically starts up the connected equipment upon the return of utility power.
Automatic self-test	Ensures early detection of potential problems by periodic testing of UPS components.
Battery replacement without tools	Provides reduced risk of load disruption by allowing quick and easy battery replacement.
LED status indicators	Quickly understand UPS status with indicators.
Cold-start capable	Provides temporary battery power when the utility power is out.
Hot-swappable batteries	Ensures clean, uninterrupted power to protected equipment throughout battery replacement.
Resettable circuit breakers	Enables quick recovery from UPS overload events.
Transformer-block spaced outlets	Protect equipment with input transformer blocks without blocking access to other receptacles.
User-replaceable batteries	Enables simple upgrades and replacement of the Batteries.

Manageability

Adjustable voltage sensitivity	Provides the ability to adapt the UPS for optimal performance in specific power environments or generator applications.
Adjustable voltage-transfer points	Maximizes useful battery life by widening the input voltage window or tightening the output voltage regulation.
Serial Connectivity	Provides management of the UPS via a serial port.
USB connectivity	Provides management of the UPS via USB port.
Multiple mounting methods	Allows for standardization on one product for use in different environments.
Intelligent battery management	Micro-processor controlled battery charging and diagnostic testing ensures maximum battery life.

Technical Specifications

Output

Output power capacity	500 VA
Output power capacity	300 watts
Max Configurable Power	500 VA
Max Configurable Power	300 watts
Nominal output voltage	230V
Waveform type	Stepped approximation to a sinewave
Output Connections	(1) IEC 320 C13 (Surge Protection)  (3) IEC 320 C13 (Battery Backup) 

Batteries & Runtime

Battery type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Replacement battery cartridge	RBC2
RBC™ Quantity	1
Typical backup time at half load	12.4 minutes (150 Watts)
Typical backup time at full load	5.8 minutes (300 Watts)

Communications & Management

Control panel	LED status display with On Line : On Battery : Replace Battery and Overload indicators
Audible alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

Physical

Maximum height	7 inches (16.51 cm)
Maximum width	4 inches (9.14 cm)
Maximum depth	11 inches (28.45 cm)
Net weight	13 lbs. (5.89 kg)
Shipping Weight	15 lbs. (7.01 kg)
Shipping Height	9 inches (23.11 cm)
Shipping Width	7 inches (16.76 cm)
Shipping Depth	14 inches (36.07 cm)
Color	Beige
Units per Pallet	90

Input

Nominal input voltage	230V
Input frequency	50/60 Hz +/- 3 Hz (auto sensing) Hz
Input Connection Type	IEC-320 C14
Cord Length	6 feet (1.83 cm)
Input voltage range for main operations	168 - 280 V

Surge Protection and Filtering

Surge energy rating	300 Joules
Dataline protection	RJ-45 Modem/Fax protection (two wire single line)

Environmental

Operating Environment	0 - 40 °C (32 - 104 °F)
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Conformance

Approvals	A-tick , C-tick , CE , GOST , NEMKO , PCBC
Standard warranty	2 years repair or replace
Equipment protection policy	Lifetime : 200000 AUD , Lifetime : 150000 Euros , Lifetime : 75000 GBP