

C14



APC Back-UPS RS, / 1000 VA,  
 Input 230V / Output 230V,  
 Interface Port USB,  
 Rack Height 2 U

**Includes:** CD with software, Cord management straps,  
 Documentation CD, Qty 2 - Detachable IEC C13 to IEC  
 power cords, Telephone Cable, USB cable, User Manual

## • Technical Specifications

### Output

Output Power Capacity	1000 VA
Max Configurable Power	1000 VA
Nominal Output Voltage	230V
Output Connections (2)	IEC 320 C13 (Surge Protection)
	(6) IEC 320 C13 (Battery Backup)

### Input

Nominal Input Voltage	230V
Input Frequency	47 - 63 Hz
Input Connections	IEC-320 C14
Input voltage range for main operations	175 - 295V
Input voltage adjustable range for mains operation	160 - 286V

### Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Included Battery Modules	1
Typical recharge time	15 hour(s)
RBC™ Quantity	1

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تبریز، خیابان ۱۷ شهریور جدید، جنب بستنی وحید، پلاک ۳، طبقه دوم

فکس: ۵۵۵۳۵۲۳

تلفن: ۵۵۴۳۸۲۰ - ۵۵۴۳۸۱۹

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Typical Backup Time at Half Load	16.6 minutes (300 Watts)
Typical Backup Time at Full Load	5.9 minutes (600 Watts)

### Communications & Management

Interface Port(s)	USB
Control panel	LED status display with On Line : On Battery : Replace Battery and Overload indicators
Audible Alarm delays	Alarm when on battery : distinctive low battery alarm : configurable

### Surge Protection and Filtering

Surge energy rating	180 Joules
Filtering	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : meets UL 1449
Dataline protection	RJ-11 Modem/Fax/DSL protection (two wire single line),RJ45 10/100Base-T Ethernet protection

### Physical

Maximum Height	371.00 mm
Maximum Width	86.00 mm
Maximum depth	333.00 mm
Net Weight	10.61 KG
Shipping Weight	11.82 KG
Shipping Height	455.00 mm
Shipping Width	203.00 mm
Shipping Depth	416.00 mm
Color	Beige

### Environmental

Operating Environment	0 - 40 °C
Operating Relative Humidity	0 - 95%
Operating Elevation	0-3000 meters
Storage Temperature	-5 - 45 °C
Storage Relative Humidity	0 - 95%
Audible noise at 1 meter from surface of unit	45.00 dBA

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## Conformance

Regulatory Approvals	A-tick,C-tick,CE,GOST,VDE
Standard Warranty	1 years repair ,frist 3 Mount replace

## • Product Overview

### BR1000I Features

Use any Home Automation network to monitor and control the S20 through its RS-232 serial port. For information on how to communicate with the S20, see APC's Application Note #102. Crestron and AMX installers should visit their respective websites for information on how to integrate the S20 into those networks.

#### USB connectivity

Provides management of the UPS via a USB port (not available on all models).

### Back-UPS RS 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)

Gives higher application availability by correcting low and high voltage conditions without using the battery.

Data line surge protection

Provides protection of connected equipment from power surges on the data lines.

Safety-agency approved

Ensures the product has been tested and approved to work safely with the connected service provider equipment and within the specified environment. UL, FCC, CE, C-Tick approvals.

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

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Periodic battery self-test ensures early detection of a battery that needs to be replaced.
Battery replacement without tools
Allows quick, easy battery replacement.
LED status indicators
Quickly understand unit and power status with visual indicators.
Cold-start capable
Provides temporary battery power when the utility power is out.
Hot-swappable batteries
Ensures clean, uninterrupted power to protected equipment while batteries are being replaced
Resettable circuit breakers
Enables a quick recovery from overload events.
Transformer-block spaced outlets
Protect equipment with input transformer blocks without blocking access to other receptacles.
User-replaceable batteries
Increases availability by allowing a trained user to perform upgrades and replacements of the batteries reducing Mean Time to Repair (MTTR)

### 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 a USB port (not available on all models).
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.

### Topology

Line Interactive
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