[Back-UPS RS](#)
APC BACK-UPS RS 1500VA 230V

RoHS

APC Back-UPS RS, 865 Watts / 1500 VA,Input 230V / Output 230V, Interface Port USB, Extended runtime model, Rack Height 2 U

Includes: CD with software, Cord management straps, Documentation CD, Qty 2 - Detachable IEC C13 to IEC C14 power cords, Telephone Cable, USB cable, User Manual, Wall-mounting template

Standard Lead Time: Usually in Stock

BR1500I Features

Serial Connectivity	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).
Serial Connectivity	Provides management of the UPS via a serial port.

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	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.

Output

Output Power Capacity	865 Watts / 1500 VA
Max Configurable Power	865 Watts / 1500 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	8 hour(s)
Replacement Battery	RBC33
RBC™ Quantity	1
Typical Backup Time at Half Load	11.5 minutes (432.5 Watts)
Typical Backup Time at Full Load	3.2 minutes (865 Watts)
Runtime Chart	Back-UPS RS
Extended Run Options	APC BACK-UPS RS 1500VA 230V

Communications & Management

Interface Port(s)	USB
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 : configurable delays

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
Data Line Protection	RJ-11 Modem/Fax/DSL protection (two wire single line),RJ45 10/100 Base-T Ethernet protection

Physical

Maximum Height	371.00 mm
Maximum Width	86.00 mm
Maximum Depth	333.00 mm
Rack Height	2U
Net Weight	11.59 KG
Shipping Weight	12.82 KG
Shipping Height	455.00 mm
Shipping Width	203.00 mm
Shipping Depth	417.00 mm
Color	Beige
Units per Pallet	36.00

Environmental

Operating Environment	0 - 40 °C
Operating Relative Humidity	0%
Operating Elevation	0-3000 meters
Storage Temperature	-5 - 45 °C
Storage Relative Humidity	0%
Storage Elevation	0-15000 meters
Audible noise at 1 meter from surface of unit	45.00 dBA
Online Thermal Dissipation	180.00 BTU/hr

Conformance

Regulatory Approvals	A-tick,C-tick,CE,GOST,VDE
Standard Warranty	2 years repair or replace
ROHS/WEEE Compliance	RoHS

**The time to recharge to 90% of full battery capacity following a discharge to shutdown using a load rated for 1/2 the full load rating of the UPS.