



APC BACK-UPS RS 800VA 230V
Part Number: BR800I



Technical Specifications

Output

Output power capacity	800 VA
Output power capacity	540 watts
Max Configurable Power	800 VA
Max Configurable Power	540 watts
Nominal output voltage	230V

Output Connections	(2) ERROR: No Translation Found (Surge Protection)	
	(4) ERROR: No Translation Found (Battery Backup)	
	(2) ERROR: No Translation Found (Battery Backup)	

Input

Nominal input voltage	230V
Input frequency	47-63
Input Connection Type	IEC-320 C14
Input voltage range for main operations	175 - 295 V
Input voltage adjustable range for mains operation	160 - 300 V

Batteries & Runtime

Battery type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Pre-Installed Batteries	1
Replacement battery cartridge	RBC32
RBC™ Quantity	1
Typical backup time at half load	17.6 minutes (270 Watts)
Typical backup time at full load	5.3 minutes (540 Watts)
Runtime Chart	Back-UPS RS





Communications & Management

Interface port	USB
Control panel	LED status display with On Line : On Battery : Replace Battery and Overload

Options:

- [Services](#)

User Manual & Installation Guides:

-  [Back-UPS RS 230 V \(Manual\)](#)
-  [Back-UPS RS 230 V \(Manual\)](#)
-  [Back-UPS RS 230 V \(Sheet\)](#)
-  [Safety Guide - Smart-UPS & Back-UPS \(Sheet\)](#)

General Features:

- Adjustable voltage sensitivity
 - Adjustable voltage-transfer points
 - Audible Alarms
 - Automatic restart of loads after UPS shutdown
 - Automatic self-test
 - Battery replacement without tools
 - Battery-protected and surge-only outlets
 - Boost and Trim Automatic Voltage Regulation (AVR)
 - Cold-start capable
 - Dataline Surge Protection
 - Hot-swappable batteries
 - Intelligent Battery Management
 - LED status indicators
 - Lifetime data recovery warranty
 - Multiple mounting methods
 - Power conditioning
 - Resettable circuit breakers
 - Safety-agency approved
 - Serial Connectivity
 - Transformer-block spaced outlets
 - USB Connectivity
 - User-replaceable batteries
- [more details...](#)

Topology: Line Interactive

indicators

Audible alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
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☐ Surge Protection and Filtering

Surge energy rating	320 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 10/100 Base-T Ethernet protection

☐ Physical

Maximum height	9 inches (22.86 cm)
Maximum width	4 inches (10.16 cm)
Maximum depth	13 inches (32.38 cm)
Net weight	21 lbs. (9.32 kg)
Shipping Weight	23 lbs. (10.23 kg)
Shipping Height	12 inches (30.48 cm)
Shipping Width	9 inches (22.86 cm)
Shipping Depth	17 inches (43.18 cm)
Master Carton Units	2
Master Carton Dimensions	17.6 X 17.3 X 12.5
Master Carton Weight	48 lbs.
Color	Beige
SCC Codes	0073130419246 6
Units per Pallet	40

☐ Environmental

Operating Environment	0 - 40 °C (32 - 104 °F)
Operating Relative Humidity	0 - 95 %
Operating Elevation	0-10000 feet (0-3000 meters)
Storage Temperature	-5 - 45 °C (23 - 113 °F)
Storage Relative Humidity	0 - 95 %
Storage Elevation	0-50000 feet (0-15000 meters)
Online thermal dissipation	170 BTU/hr

☐ Conformance

Approvals	A-tick , C-tick , CE , GOST , GS Mark , PCBC , VDE
Standard warranty	2 years repair or replace