APC
by Schneider Electric

APC Power-Saving Back-UPS Pro 900, 230V
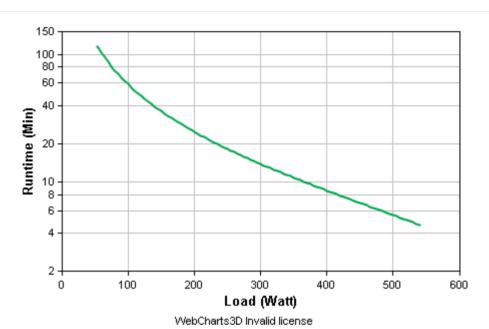**Part Number:** BR900GI

Technical Specifications   Product Overview   Documentation   Software & Firmware   Options   Ratings and Reviews

Output

Output Power Capacity	540 Watts / 900 VA
Max Configurable Power	540 Watts / 900 VA
Nominal Output Voltage	230V
Efficiency at Full Load	98.6%
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz user adjustable +/- 0.1
Crest Factor	3 : 1
Topology	Line Interactive
Waveform Type	Stepped approximation to a sinewave
Output Connections	(4) IEC 320 C13 (Battery Backup)
	(4) IEC 320 C13 (Surge Protection)
	(2) IEC Jumpers (Battery Backup)
Efficiency at Half Load	97.6%
Bypass	Built-in Bypass

Input

Nominal Input Voltage	230V
Input Frequency	50/60 Hz +/- 3 Hz (auto sensing)
Input Connections	IEC-320 C14
Input voltage range for main	176 - 294V

operations

Input voltage adjustable range for mains operation	156 - 300V
Maximum Input Current	8A
Input Breaker Capacity	10 A

Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Typical recharge time	8 hour(s)
Replacement Battery	APCRBC123, APCRBC123J
RBC™ Quantity	1
Runtime Graph	

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Hover over the line on the graph above to view the runtime at any desired load

This graph is based on actual measured runtime data. All measurements were taken with new, fully charged batteries and a balanced resistive load (PF = 1.0). Actual runtimes may vary from the values of this graph. Actual runtimes are dependent on several variables including battery age, battery charge level, environmental conditions and characteristics of the connected load.

View Enlarged Graph   View Runtime Chart

Communications & Management

Interface Port(s)	Optional Simple Signalling RS232 cable, USB
Control panel	Multi-function LCD status and control console
Audible Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

Surge Protection and Filtering

Surge energy rating	613 Joules
Filtering	Full time multi-pole noise filtering :10% of IEEE surge let-thgouh : zero clamping response time: instantaneous
Data Line Protection	Analog phone line for phone/fax/modem/DSL (RJ-11 connector), Network line - 10/100/1000 Base-T Ethernet (RJ-45 connector)

Physical

Maximum Height	250.00 mm

Maximum Width	100.00 mm
Maximum Depth	382.00 mm
Net Weight	10.72 KG
Shipping Weight	11.70 KG
Shipping Height	337.00 mm
Shipping Width	225.00 mm
Shipping Depth	487.00 mm
Master Carton Units	1.00
Color	Black
SCC Codes	1073130427959 1
Units per Pallet	30.00
Pallet Dimensions	46 inches
Pallet Weight	393.28 KG

Environmental

Operating Environment	0 - 40 ℃
Operating Relative Humidity	0 - 95%
Operating Elevation	0-2952.6 meters
Storage Temperature	-15 - 45 ℃
Storage Relative Humidity	0 - 95%
Storage Elevation	0-14763.6 meters
Audible noise at 1 meter from surface of unit	45.00 dBA

Conformance

Regulatory Approvals	A-tick, C-tick, CE, GS Mark
Standard Warranty	2 years repair or replace, 3 years repair or replace for European Union countries

Sustainable Offer Status

RoHS	Compliant
REACH	REACH: Contains No SVHCs

**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.