

Back-UPS

APC Back-UPS 650, 230V



APC Back-UPS, 400 Watts / 650
VA, Input 230V / Output 230V, Interface
Port DB-9 RS-232, USB

Includes: CD with software,
Documentation CD, Qty 2 - Detachable
IEC C13 to IEC C14 power cords, USB
cable

BK650EI





Output

Output Power Capacity	400 Watts / 650 VA	
Max Configurable Power	400 Watts / 650 VA	
Nominal Output Voltage	230V	
Output Connections	(1) IEC 320 C13 (Surge Protection)	
	(3) IEC 320 C13 (Battery Backup)	
	(2) IEC Jumpers (Surge Protection)	

Input

Nominal Input Voltage	230V
Input Frequency	50/60 Hz +/- 3 Hz (auto sensing)
Input Connections	IEC-320 C14
Cord Length	2 meters
Input voltage range for main operations	180 - 260V
Input voltage adjustable range for mains operation	160 - 282V

Batteries & Runtime

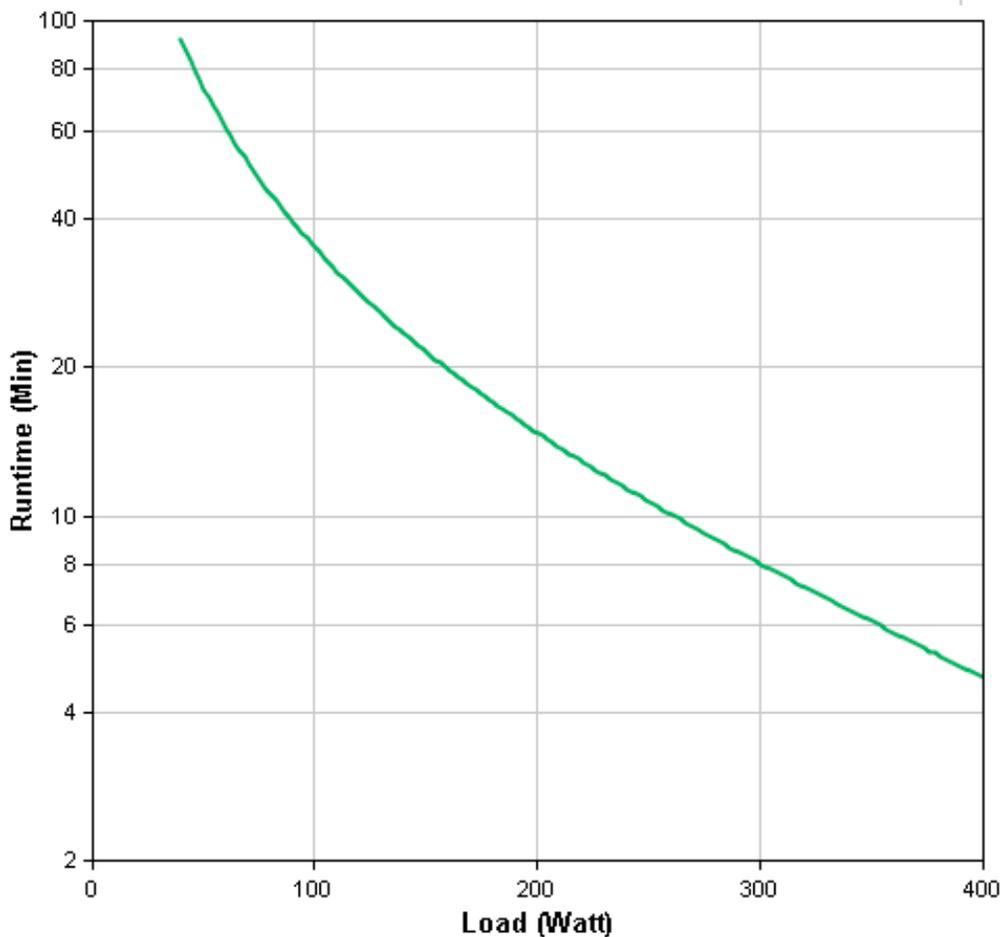
Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
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Typical recharge time 8 hour(s)

Replacement Battery [RBC17](#)

RBC™ Quantity 1

Runtime Graph



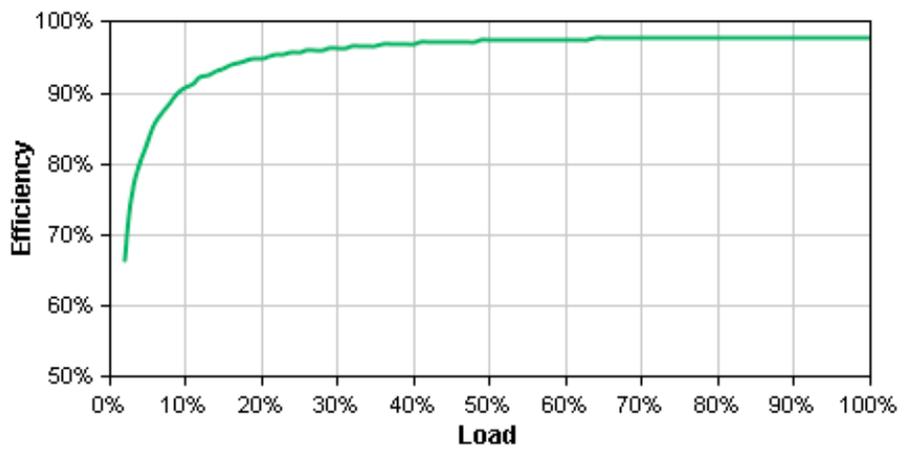
Hover over the line on the graph above to view the runtime at any desired load

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](#)

Energy Use/Efficiency



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

Curve fit to measured efficiency data. All measurements taken in normal operating mode, at typical environmental conditions, with nominal electrical input and balanced resistive load (PF = 1.0) output.

[View Enlarged Chart](#)

Communications & Management

Interface Port(s)	DB-9 RS-232,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 : overload continuous tone alarm

Surge Protection and Filtering

Surge energy rating	320 Joules
Data Line Protection	Analog phone line for phone/fax/modem/DSL (RJ-45 connector)

Physical

Maximum Height	165.00 mm
Maximum Width	91.00 mm
Maximum Depth	284.00 mm
Net Weight	6.03 KG
Shipping Weight	7.31 KG
Shipping Height	494.00 mm
Shipping Width	185.00 mm
Shipping Depth	415.00 mm
Master Carton Units	1.00

Master Carton Weight	16.09 lbs.
Color	Beige
SCC Codes	1073130421978 8

Environmental

Operating Environment	0 - 40 °C
Operating Relative Humidity	5 - 95%
Operating Elevation	0-9000 meters
Storage Temperature	-15 - 45 °C
Storage Relative Humidity	5 - 95%
Storage Elevation	0-4500 meters
Audible noise at 1 meter from surface of unit	45.00 dBA

Conformance

Regulatory Approvals	A-tick,C-tick,CE,GOST,NEMKO
Standard Warranty	2 years repair or replace
Environmental 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.

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