

## APC BACK-UPS ES 8 Outlet 650VA 120V



**Includes:** CD with software, Free trial of anti-virus : firewall : email privacy : system recovery and online backup software, USB cable, User Manual, Wall-mounting template

### Runtime Chart

# BE650R



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## Output

Output Power Capacity	390 Watts / 650 VA	
Max Configurable Power	390 Watts / 650 VA	
Nominal Output Voltage	120V	
Waveform Type	Stepped approximation to a sinewave	
Output Connections	(4) NEMA 5-15R (Battery Backup)	
	(4) NEMA 5-15R (Surge Protection)	

## Input

Nominal Input Voltage	120V
Input Frequency	50/60 Hz
Input Connections	NEMA 5-15P 
Cord Length	1.83 meters
Input voltage range for main operations	88 - 139V

## Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Typical recharge time	16 hour(s)
Replacement Battery	<a href="#">RBC17</a>
RBC™ Quantity	1
Typical Backup Time at Half Load	12.8 minutes (195 Watts)
Typical Backup Time at Full Load	3.1 minutes (390 Watts)
Runtime Chart	<a href="#">Back-UPS ES</a>

## Communications & Management

Control panel	LED status display with On Line : On Battery : Replace Battery and Building Wiring Fault
Audible Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

## Surge Protection and Filtering

Surge energy rating	365 Joules
Filtering	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : meets UL 1449
Data Line Protection	RJ-45 Modem/Fax/DSL/10-100 Base-T protection,Co-axial Video / Cable protection

## Physical

Maximum Height	96.00 mm
Maximum Width	283.00 mm
Maximum Depth	180.00 mm
Net Weight	7.10 KG
Shipping Weight	8.18 KG
Shipping Height	134.00 mm
Shipping Width	389.00 mm
Shipping Depth	229.00 mm
Master Carton Units	2.00
Master Carton Weight	37.00 lbs.
Color	Charcoal
SCC Codes	1073130422736 3

## Environmental

Operating Environment	0 - 40 °C
Operating Relative Humidity	5%
Operating Elevation	0-3000 meters
Storage Temperature	-15 - 45 °C
Storage Relative Humidity	5%
Storage Elevation	0-15000 meters
Audible noise at 1 meter from surface of unit	45.00 dBA
Online Thermal Dissipation	15.00 BTU/hr

## Conformance

Regulatory Approvals	cUL Listed,FCC Part 15 Class B,FCC Part 68,NOM,UL 1778,UL 497A,UL 498
Standard Warranty	3 years repair or replace

\*\*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.