



## Back-UPS ES

# APC Power-Saving Back-UPS ES 8 Outlet 700VA 230V CEE 7/7



APC Back-UPS ES, 405 Watts / 700 VA, Input 230V / Output 230V

**Includes:** CD with software, Cord management straps, Telephone Cable, User Manual

## Output

Output Power Capacity

405 Watts / 700 VA

Nominal Output Voltage

230V

Output Frequency (sync to mains)

47 - 63 Hz

Waveform Type

Stepped approximation to a sinewave

Output Connections

(4) Schuko CEE 7 (Battery Backup)

(4) Schuko CEE 7 (Surge Protection)

Output Voltage Tolerance

+/- 5% static and 100% load step

## Input

Nominal Input Voltage

230V

Input Frequency

50/60 Hz +/- 5 Hz (auto sensing)

Cord Length

1.83 meters

Maximum Input Current

10A

## Batteries & Runtime

Battery Type

Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof

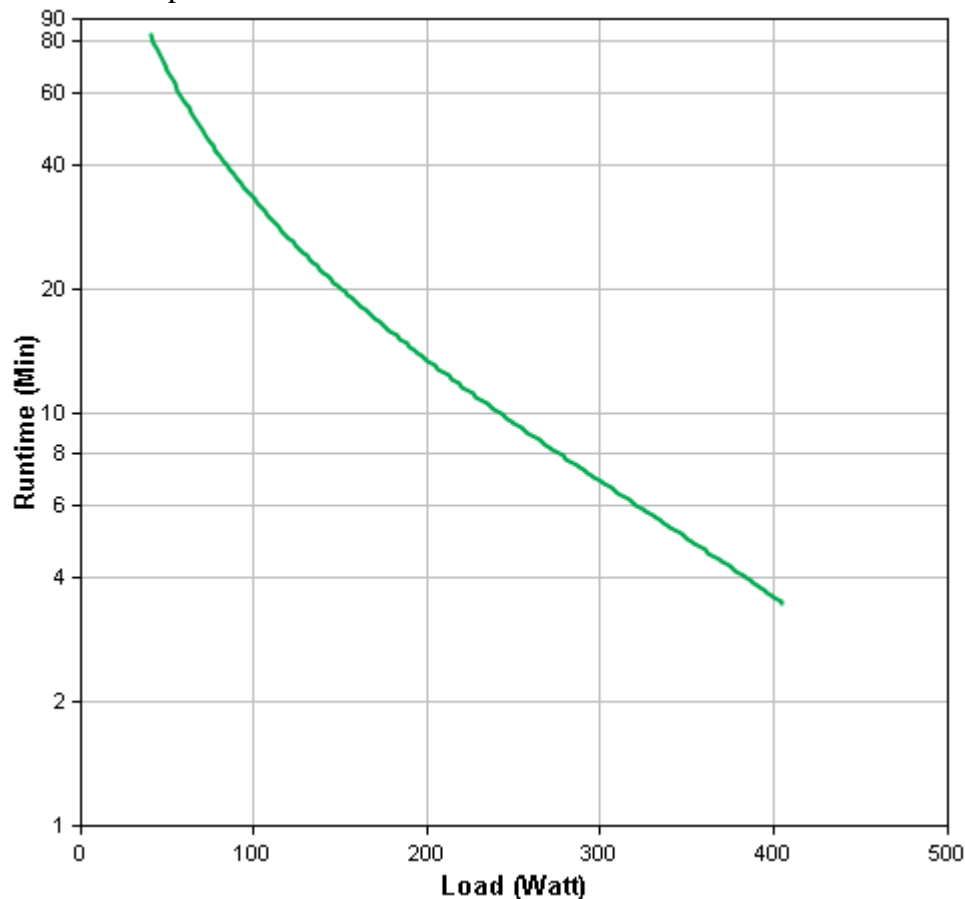
Typical recharge time

16 hour(s)

Replacement Battery

[RBC17](#)

Runtime Graph



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

Curve fit to measured runtime data. All measurements taken with new, fully charged batteries, at typical environmental conditions, with no electrical input and balanced resistive load (PF = 1.0) output.

## Communications & Management

Control panel

LED status display with On Line : On Battery : Replace Battery and Overload indicators

## Surge Protection and Filtering

Surge energy rating

310 Joules

Filtering

Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : meets UL 1449

Data Line Protection

Analog phone line for phone/fax/modem/DSL (RJ-45 connector), Network line - 10/100 Base-T Ethernet (RJ-45 connector)

## Physical

Maximum Height

89.00 mm

Maximum Width

224.00 mm

Maximum Depth

311.00 mm

Net Weight

6.93 KG

Shipping Weight

7.84 KG

Shipping Height

127.00 mm

Shipping Width

279.00 mm

Shipping Depth

400.00 mm

Master Carton Weight

16.36 KG

Color

Black

SCC Codes

1073130427170 0

Units per Pallet

80.00

## Environmental

Operating Environment

0 - 40 °C

Operating Relative Humidity

0 - 95%

Operating Elevation

0-9000 meters

Storage Temperature

-15 - 40 °C

Storage Relative Humidity

0 - 95%

Storage Elevation

0-9000 meters

Audible noise at 1 meter from surface of unit  
0.00 dBA

## Conformance

Regulatory Approvals

CE

Standard Warranty

2 years repair or replace, 3 years repair or replace for European Union countries

Equipment protection policy

Lifetime : 100000 Euro

Environmental Compliance

RoHS

\*Except where noted, all prices are Estimated Resale Price (ERP) - Without Tax/VAT. Pricing in other locations and sites may vary.

\*\*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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