

Product data sheet

Specifications



APC Back-UPS 850VA, 120V, 2 USB charging ports, 9 NEMA outlets (3 surge)

BE850G2

Overview

Lead time Usually in Stock

Main

Main Input Voltage	120 V
Main Output Voltage	120 V
Kw Rating	450 W
Rated power in VA	850 VA
Product or Component Type	Uninterruptible power supply (UPS)
Input Connection Type	NEMA 5-15P
output connection type	6 NEMA 5-15R 3 NEMA 5-15R surge
Cable length	5 ft (1.5 m)
Number of cables	1
Battery Type	Lead-Acid battery
Provided equipment	User Manual USB cable

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Included Battery Modules	0
Battery Slots Empty	0
Typical recharge time	8 h
Battery Charge Power (Watts)	13 W rated
Battery power in VAH	102 VAh capacity 104 VAh runtime
Battery life	2...5 year(s)
Replacement battery	RBC17
Battery graph comments	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.
Extendable Run Time	0

General

Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

Physical

color	Black
Height	5.5 in (13.9 cm)
Width	12.9 in (32.7 cm)
Depth	4.1 in (10.5 cm)
Net Weight	9.04 lb(US) (4.1 kg)
Mounting preference	No preference
Mounting Mode	Not rack-mountable
Two post mountable	0
USB compatible	No

Input

Input Frequency	50/60 Hz +/- 3 Hz auto-sensing
Efficiency at full load	92...139 V

Output

Max Configurable Power (Watts)	450 W
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz sync to mains
Topology	Standby
Waveform Type	Stepped approximation to a sinewave
Maximum configurable power in VA	850 VA
Transfer Time	6ms typical : 10ms maximum

Conformance

Product Certifications	California (CEC) Battery Charger cTUVus
Equipment protection policy	Lifetime : \$75000

Environmental

Ambient Air Temperature for Operation	32.0000000000...104.0000000000 °F (0...40 °C)
Relative Humidity	0...95 %
Operating altitude	0...10000 ft
Ambient Air Temperature for Storage	5.0000000000...113.0000000000 °F (-15...45 °C)
Storage Relative Humidity	10...90 %
Storage altitude	0...50000 ft (0.0000000000...15240.0000000000 m)
Acoustic level	45 dBA
Online Thermal Dissipation	19.249 Btu/h

Communications & Management

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

Surge Protection and Filtering

Surge energy rating	354 J
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Ordering and shipping details

Category	11309-APC RESALE PRODUCTS
Discount Schedule	APC1
GTIN	731304413592
Returnability	No
Country of origin	PH

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.7 in (19.6 cm)
Package 1 Width	6.6 in (16.8 cm)
Package 1 Length	16.4 in (41.6 cm)
Package 1 Weight	9.7 lb(US) (4.4 kg)
SCC14	10731304413599
Pallet layers	16

Contractual warranty

Warranty	3 years repair or replace
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Sustainability


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Transparency RoHS/REACH

Well-being performance

 **Rohs Exemption Information** [Yes](#)

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)
Product out of China RoHS scope. Substance declaration for your information.

Environmental Disclosure [Product Environmental Profile](#)

Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Circularity Profile [End of Life Information](#)