

Product data sheet

Specifications



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

BE850G2

Product availability: Non-Stock - Not normally stocked in distribution facility

Overview

Lead time Usually in Stock

Main

Main Input Voltage	120 V AC 1 phase
Input Connection Type	NEMA 5-15P
Efficiency at full load	92...139 V
Input Frequency	50/60 Hz +/- 3 Hz auto-sensing
Output voltage	120 V AC 1 phase
Rated power in W	450 W
rated power in VA	850 VA
output connection type	6 NEMA 5-15R 3 NEMA 5-15R surge
USB Charging Port	USB type A + C
Maximum configurable power in VA	850 VA
Max Configurable Power (Watts)	450 W
Transfer Time	6ms typical : 10ms maximum
Topology	Standby
Waveform Type	Stepped approximation to a sinewave
Output frequency	50/60 Hz +/- 3 Hz sync to mains
Replacement battery	RBC17

Graphs

Run Time [View Runtime Graph](#)

Efficiency [View Efficiency Graph](#)

Complementary

Battery Size	Lead-acid internal included
Control panel	LED status display with On Line : On Battery : Replace Battery and Building Wiring Fault
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
UPS connectivity	USB port
Surge energy rating	354 J

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Cable length	5 ft (1.5 m)
Number of cables	1
color	Black
Height	5.5 in (139 mm)
Width	12.9 in (327 mm)
Depth	4.1 in (105 mm)
Product Weight	9.04 lb(US) (4.1 kg)
Mounting preference	No preference
Mounting Mode	Not rack-mountable
Two post mountable	0
USB compatible	Yes
Mounting mode	Tower
Provided equipment	User Manual USB cable
Number of power module filled slots	0
Number of power module free slots	0
Redundant	No
Range of Product	Back-UPS
Product or Component Type	Uninterruptible power supply (UPS)

Environment

Product Certifications	California (CEC) Battery Charger cTUVus
Ambient Air Temperature for Operation	32...104 °F (0...40 °C)
Ambient Air Temperature for Storage	5...113 °F (-15...45 °C)
Storage altitude	0...5000 ft (0...1524 m)
Relative Humidity	0...95 %
Storage Relative Humidity	10...90 %
Acoustic level	45 dBA
Online Thermal Dissipation	19.249 Btu/h
Operating altitude	0...3000 ft

Batteries & Runtime

Battery Type	Lead-Acid battery
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
Included Battery Modules	0
Battery Slots Empty	0
Typical recharge time	8 h

Battery Life	2...5 year(s)
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Battery Charge Power (Watts)	13 W rated
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Ordering and shipping details

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

Unit Type of Package 1	PCE
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Nbr. of units in pkg.	1
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Package 1 Height	7.7 in (19.6 cm)
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Package 1 Width	6.6 in (16.8 cm)
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Package 1 Length	16.4 in (41.6 cm)
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Package weight(Lbs)	9.7 lb(US) (4.4 kg)
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SCC14	10731304413599
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Pallet layers	16
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Contractual warranty

Warranty (in months)	36 UPS 12 Battery
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	157 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	42 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.5 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	114 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.4 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	D7202d15-7cd4-470e-bd06-f47695f20bd8
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold



Energy efficiency

Optimized Energy Efficiency	Energy efficient product
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Use Longer




Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	62
Circularity Profile	End of Life Information
Removable battery	User replaceable
Take-back	Yes
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Technical Illustration

Dimensions



Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features



The image is a marketing illustration for the APC Back-UPS BE850G2. It features a black, rectangular UPS unit with a control panel on the front. The background is light gray with a subtle grid pattern. The text and icons are arranged in a clean, professional layout.

Life Is On | Schneider Electric

APC

APC Back-UPS

Reliable battery backup to keep you connected during prolonged power outages

-  Long battery runtime
-  Reliable surge protection
-  9 outlets
-  Lightweight design
-  2 USB Charging Port

Offer Marketing Illustration

Product benefits / Features

Power certainty in a connected world



APC Back-UPS provide consistent, clean power to your electronics

so your devices perform better, last longer and stay connected during power outages.

Offer Marketing Illustration

Product benefits / Features



Power goes out. You stay connected to what matters

Enjoy uninterrupted internet connection for your entertainment, smart home and security devices.

Offer Marketing Illustration

Product benefits / Features



Robust battery to keep you on track

Reliable runtime allows you to continue digital activities when the power is out.

Image of product / Alternate images

Alternative

