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

Main

Main input voltage	120 V AC 1 phase
Input connection	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	6 NEMA 5-15R 3 NEMA 5-15R surge
Type of USB power supply	USB type A + C
Maximum configurable power in VA	850 VA
Maximum configurable power in W	450 W
Transfer time	6ms typical : 10ms maximum
UPS topology	Standby
Waveform type	Stepped approximation to a sinewave
Output frequency	50/60 Hz +/- 3 Hz sync to mains
Replacement battery	RBC17

Graphs

Runtime	View Runtime Graph
Efficiency	View Efficiency Graph

Complementary

Battery type	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
Software Compatibility	SmartConnect
UPS connectivity	USB port
Surge energy rating	354 J
Cable length	5 ft (1.5 m)
Number of cables	1

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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 certification	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
Heat dissipation	19.249 Btu/h
Operating altitude	0...3000 ft

Batteries & Runtime

Battery type	Lead-Acid battery
Battery graph comment	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 runtime	0
Included battery module	0
Empty battery slot	0
Typical recharge time	8 h
Battery life	2…5 year(s)
Battery charging power	13 W rated

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
Nbr. of units in pkg.	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 weight(Lbs)	9.7 lb(US) (4.4 kg)
SCC14	10731304413599
Pallet layers	16

Contractual warranty

Warranty (in months)	12 Battery|36 UPS

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

Average percentage of recycled plastic content	**15 %**
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**
California proposition 65	**WARNING: This product can expose you to chemicals including: Lead, which is known to the State of California to cause cancer and/or birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.**

Energy efficiency

Optimized Energy Efficiency	**Energy efficient product**

Use Longer

Lifetime extension

Repair	**No**

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.**

Image of product / Alternate images

Alternative

