Product datasheet

Specifications



APC Back-UPS, 850VA/520W Floor/Wall Mount, 230V, 8x CEE 7/3 Schuko outlets, USB Type A+C Ports, User Replaceable Battery

BE850G2-GR

Main

Main input voltage	230 V AC 1 phase
Other input voltage	220 V
Input connection	CEE 7/7
Maximum input current	6 A
Switching current capacity	10 A
Input frequency	47...63 Hz
Output voltage	230 V AC 1 phase
Other output voltage	220 V
Rated power in W	520 W
Rated power in VA	850 VA
Output connection	6 CEE 7/3 2 CEE 7/3 surge
Type of USB power supply	USB type A + C
Maximum configurable power in VA	850 VA
Maximum configurable power in W	520 W
Transfer time	6 ms typical : 10 ms maximum
UPS topology	Standby
Waveform type	Stepped approximation to a sinewave
Efficiency	80 % (full load)
Output frequency	47...63 Hz sync to mains
Replacement battery	RBC17

Graphs

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph

Complementary

Battery capacity	9.0 Ah
Battery type	Lead-acid internal included
Control panel	LED Status display with on line : on battery
Control panel	LED status display with on line : on battery : replace battery and overload indicators

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

Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Software Compatibility	SmartConnect
UPS connectivity	USB port
Surge energy rating	310 J
Cable length	1.8 m
Color	Black
Height	120 mm
Width	130 mm
Depth	365 mm
Product weight	4.5 kg
Mounting preference	No preference
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	Yes
Mounting mode	Wall mount
Provided equipment	User manual
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	CE EAC
Standard	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
Ambient air temperature for operation	0…40 °C
Ambient air temperature for storage	-15…45 °C
Storage altitude	0…4572 m
Relative humidity	0…90 %
Storage relative humidity	0…95 %
Acoustic level	45 dBA
Operating altitude	0...3000 ft

Batteries & Runtime

Battery type	Lead-acid battery
Battery voltage	12 V
Extendable runtime	0
Included battery module	0

Empty battery slot	0
Typical recharge time	16 h
RBC quantity	1
Battery life	2…5 year(s)
Battery charging power	6 W rated

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	19 cm
Package 1 Width	44.1 cm
Package 1 Length	18.6 cm
Package 1 Weight	5 kg
SCC14	10731304347283

Contractual warranty

Warranty (in months)	24

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	**143 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**33 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.4 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**109 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.3 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	**019b51cf-d7f1-4f06-ac85-1378fc94c7aa**
EU RoHS Directive	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**

Energy efficiency

Energy Efficiency Optimized	**Energy efficient product**

Use Again

Repack and remanufacture

Recyclability potential, in %	**62**
End of life manual availability	**End of Life Information**
Removable battery	**User replaceable**
Take-back	**No**
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





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