

Product data sheet

Specifications



APC Back-UPS 850VA, 230V, USB Type-C and A charging ports, 8 Schuko CEE 7 outlets (2 surge)

BE850G2-RS

Overview

Lead Time	Usually in Stock
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Main

Main Input Voltage	230 V
Other Input Voltage	220 V
Main Output Voltage	230 V
Other Output Voltage	220 V
Rated Power In W	520 W
Rated Power In Va	850 VA
Input Connection Type	Schuko CEE 7/7P
Output Connection Type	6 Schuko CEE 7 2 Schuko CEE 7 surge
Cable Length	1.83 m
Battery Type	Lead-acid battery
Provided Equipment	User manual

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Number Of Battery Filled Slots	0
Number Of Battery Free Slots	0
Battery Recharge Time	16 h
Number Of Battery Replacement Quantity	1
Battery Charger Power	6 W rated
Battery Power In Vah	93 VAh runtime
Battery Life	2...5 year(s)
Replacement Battery	RBC17
Extended Runtime	0

General

Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	0

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

Redundant	No
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Physical

Colour	Black
Height	12 cm
Width	13 cm
Depth	36.5 cm
Net Weight	4.5 kg
Mounting Preference	No preference
Mounting Mode	Not rack-mountable
Two Post Mountable	0
Usb Compatible	Yes

Input

Network Frequency	47...63 Hz
Maximum Input Current	6 A
Switching Current Capacity	10 A

Output

Maximum Configurable Power In W	520 W
Output Frequency	47...63 Hz sync to mains 50/60 Hz +/- 1 Hz unsynchronised
Ups Type	Standby
Wave Type	Stepped approximation to a sinewave
Efficiency	80 % (full load)
Graph Start Point	55
Maximum Configurable Power In Va	850 VA
Transfer Time	6 ms typical : 10 ms maximum

Conformance

Product Certifications	CE EAC
Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018

Environmental

Ambient Air Temperature For Operation	0...40 °C
Relative Humidity	0...90 %
Operating Altitude	0...3000 ft
Ambient Air Temperature For Storage	-15...45 °C
Storage Relative Humidity	0...95 %
Storage Altitude	0.00...4572.00 m
Acoustic Level	45 dBA

Communications & Management

Control Panel	LED status display with on line : on battery : replace battery and overload indicators
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

Surge Protection and Filtering

Surge Energy Rate	310 J
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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	10731304347306

Contractual warranty

Warranty	2 years repair or replace
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Energy Efficient Take-back Transparency RoHS/REACH

Resource performance

✓ Energy Efficient Product

✓ Take-Back Program Available

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)