

Product datasheet

Specifications

APC

Green
Premium™



APC Back-UPS 850VA, 230V, USB Type-C and A charging ports, 8 BS 1363 outlets (2 surge)

BE850G2-UK

Overview

Lead time

Main

Main Input Voltage	230 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	BS1363A British
Output connection type	6 BS 1363 2 BS 1363 surge
Cable length	1.83 m
Battery type	Lead-acid battery
Provided equipment	User manual

General

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

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
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Input

Network frequency	47...63 Hz
Input voltage limits	180...266 V
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 sine wave
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
Equipment protection policy	Lifetime : 50000 GBP

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

Batteries & Runtime

Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	16 h
Battery voltage	12 V
Battery capacity	9.0 Ah
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

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	10731304347320

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

Contractual warranty

Warranty	2 years repair or replace, 3 years repair or replace for European Union countries
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Recommended replacement(s)