Product datasheet

Specifications



APC Back-UPS, 500VA/300W, 6 IEC, USB communication, Tower, 230V

BK500G2I

Main

Main Input Voltage	230 V
Main Output Voltage	230 V
Other Output Voltage	230 V
Rated power in W	300 W
rated power in VA	500 VA
Product or component type	Uninterruptible power supply (UPS)
Input Connection Type	IEC 60320 IEC 60309
output connection type	6 IEC 60320 C13 surge
Cable length	1.5 m
Number of cables	1
Battery type	Lead-acid battery
Range of product	Back-UPS
USB Charging Port	None
Replacement battery	RBC17

Graphs

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph

Complementary

UPS connectivity	USB port
Battery type	Lead-acid internal included
Mounting mode	Tower
Software Compatibility	SmartConnect

Batteries & Runtime

Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	8 h
Battery charger power	20 W rated
Battery power in VAH	102 VAh runtime
Battery life	3…5 year(s)

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

Extended runtime	0

General

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

Physical

Colour	Black
Height	190 mm
Width	91 mm
Depth	310 mm
Net weight	6.1 kg
Mounting preference	No preference
Mounting mode	Not rack-mountable
USB compatible	Yes

Input

Network frequency	50/60 Hz +/- 5 Hz auto-sensing
Plug standard	IEC 60309
Input voltage limits	176...294 V
Maximum input current	10 A

Output

Maximum configurable power in W	300 W
Output frequency	47...63 Hz +/- 0.1 % for 50 Hz nominal sync to mains
UPS type	Line interactive
Wave type	Stepped approximation to a sinewave
Output voltage tolerance	+/- 5% static and 100% load step
Maximum output current	10 A
Maximum configurable power in VA	500 VA
Transfer time	8 ms typical : 10 ms maximum

Conformance

Product certifications	CE
Equipment protection policy	Lifetime : 75000 euros

Environmental

Ambient air temperature for operation	0…40 °C
Relative humidity	0…95 %
Operating altitude	0...3000 m
Ambient air temperature for storage	-15…45 °C

Storage Relative Humidity	0…95 %
Acoustic level	45 dBA
Heat dissipation	71.3 Btu/h

Communications & Management

Control panel	LED Status display with on line : on battery : replace battery and overload indicators
Control panel	LED status display with on line : on battery : replace battery and building wiring fault

Surge Protection and Filtering

Surge energy rate	1080 J
Noise suppression	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : meets UL 1449

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	28.0 cm
Package 1 Width	16.3 cm
Package 1 Length	39.5 cm
Package 1 Weight	7.3 kg
SCC14	10731304792052

Contractual warranty

Warranty (in months)	24 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	**140 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**52 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**6 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**2 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**65 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**15 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
SCIP Number	**F2eba613-131b-4c84-aa05-058a227f6ed4**
EU RoHS Directive	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**

Use Again

Repack and remanufacture

Recyclability potential, in %	**43**
End of life manual availability	**End of Life Information**
Removable battery	**User replaceable**
Take-back	**No**

Image of product / Alternate images

Alternative

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