Product data sheet

Specifications

Green Premium™

APC Back-UPS, 500VA/300W, Tower, 230V, 4x IEC C13 Outlets , User Replaceable Battery

BK500EI

Overview

Lead Time	Usually in Stock

Main

Main Input Voltage	230 V
Main 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 C14
Output Connection Type	3 IEC 60320 C13 1 IEC 60320 C13 surge 2 IEC Jumpers surge
Number Of Cables	2
Battery Type	Lead-acid battery
Provided Equipment	CD with software Documentation CD 1 x detachable IEC power cord 1 x detachable 1.2 m IEC power cord Telephone cable USB cable Warranty card

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	8 h
Number Of Battery Replacement Quantity	1
Battery Voltage	12 V
Battery Capacity	7.0 Ah
Battery Charger Power	10 W rated
Battery Power In Vah	83 VAh capacity 84 VAh runtime
Battery Life	4…6 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

Replacement Battery	RBC2
Extended Runtime	0

General

Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	0
Redundant	No

Physical

Colour	Beige
Height	16.5 cm
Width	9.1 cm
Depth	28.4 cm
Net Weight	6.32 kg
Mounting Location	Front
Mounting Preference	No preference
Mounting Mode	Not rack-mountable
Two Post Mountable	0
Usb Compatible	No

Input

Network Frequency	47...63 Hz 50/60 Hz +/- 3 Hz auto-sensing
Input Voltage Limits	160...300 V adjustable 180...266 V
Maximum Input Current	7 A
Switching Current Capacity	7 A

Output

Maximum Configurable Power In W	300 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
Maximum Configurable Power In Va	500 VA
Transfer Time	6 ms typical : 10 ms maximum

Conformance

Product Certifications	C-Tick CE GOST VDE
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…95 %
Operating Altitude	0...10000 ft
Ambient Air Temperature For Storage	-15…45 °C
Storage Relative Humidity	0…95 %
Storage Altitude	0.00…15240.00 m
Acoustic Level	40 dBA
Heat Dissipation	24 Btu/h

Communications & Management

Free Slots	0
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
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	17.8 cm
Package 1 Width	24.1 cm
Package 1 Length	36.8 cm
Package 1 Weight	7.05 kg
Unit Type Of Package 2	PAL
Number Of Units In Package 2	30
Package 2 Height	133 cm
Package 2 Width	100 cm
Package 2 Length	120 cm
Package 2 Weight	490 kg
Scc14	10731304016356

Contractual warranty

Warranty	2 years repair or replace

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-CO_2 products.

Learn more about Green Premium

Transparency RoHS/REACh

Well-being performance

Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information