

Product datasheet

Specifications



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)

Replacement Battery	RBC2 
Extended Runtime	0

General

Max Runtime	45 min
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
Scs14	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-CO₂ products.

[Learn more about Green Premium >](#)



Transparency

Well-being performance

 Reach Free Of Svhc

Reach Regulation

[REACH Declaration](#)

Eu Rohs Directive

Pro-active compliance (Product out of EU RoHS legal scope)

[EU RoHS Declaration](#)

Environmental Disclosure

[Product Environmental Profile](#)

Circularity Profile

[End of Life Information](#)
