Product datasheet

Specifications

APC

APC Back-UPS, 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
Range of product	Back-UPS

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

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

Physical

Colour	Beige
Height	165 mm
Width	91 mm
Depth	284 mm
Net weight	6.32 kg
Mounting location	Front
Mounting preference	No preference
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	Yes

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

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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…15240 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
Control panel	LED Status display with on line : on battery

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	17.800 cm
Package 1 Width	24.100 cm
Package 1 Length	36.800 cm
Package 1 Weight	7.050 kg
Unit Type of Package 2	P12
Number of Units in Package 2	30
Package 2 Height	105.000 cm
Package 2 Width	80.000 cm
Package 2 Length	120.000 cm
Package 2 Weight	490.000 kg
SCC14	10731304016356

Contractual warranty

Warranty (in months)	24 UPS|24 Battery

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	**251**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
EU RoHS Directive	**Compliant with Exemptions**
SCIP Number	**019b51cf-d7f1-4f06-ac85-1378fc94c7aa**
REACh Regulation	**REACh Declaration**

Energy efficiency

Energy Efficiency Optimized	**Energy efficient product**

Use Again

Repack and remanufacture

End of life manual availability	**End of Life Information**
Removable battery	**User replaceable**
Take-back	**Yes**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**

Image of product / Alternate images

Alternative

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