Product data sheet

Specifications

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

BK500EI

⚠ Discontinued

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

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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	6.50 in (16.5 cm)
Width	3.58 in (9.1 cm)
Depth	11.18 in (28.4 cm)
Net weight	13.93 lb(US) (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

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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	32…104 °F (0…40 °C)
Relative humidity	0…95 %
Operating altitude	0...10000 ft
Ambient air temperature for storage	5…113 °F (-15…45 °C)
Storage Relative Humidity	0…95 %
Storage altitude	0…50000 ft (0.0000000000…15240.0000000000 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	7.01 in (17.800 cm)
Package 1 Width	9.49 in (24.100 cm)
Package 1 Length	14.49 in (36.800 cm)
Package 1 Weight	15.543 lb(US) (7.050 kg)
Unit Type of Package 2	P12
Number of Units in Package 2	30
Package 2 Height	41.34 in (105.000 cm)
Package 2 Width	31.50 in (80.000 cm)
Package 2 Length	47.24 in (120.000 cm)
Package 2 Weight	1080.266 lb(US) (490.000 kg)
SCC14	10731304016356

Contractual warranty

Warranty	2 years repair or replace

🔆 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 ›

🌿 Environmental footprint

Environmental Disclosure	**Product Environmental Profile**

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**

Use Again

↻ Repack and remanufacture

Circularity Profile	**End of Life Information**
Removable battery	**User replaceable**
Take-back	**No**

Image of product / Alternate images

Alternative

BK500EI