

# Product datasheet

Specifications



## APC Back-UPS 500, 230V

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

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

### 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

## Batteries & Runtime

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	<a href="#">RBC2</a> 
Extended runtime	0

## 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

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>

# Contractual warranty

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Warranty 2 years repair or replace

Recommended replacement(s)