

Product datasheet

Specifications



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

BK500EI

! Discontinued

! Discontinued on: 28 Apr 2026

! To be end-of-service on: 31 Dec 2026

Main

Main input voltage	230 V AC 1 phase
Input connection	IEC 60320 C14
Maximum input current	7 A
Switching current capacity	7 A
Efficiency at full load	160...300 V adjustable 180...266 V
Input frequency	47...63 Hz 50/60 Hz +/- 3 Hz auto-sensing
Output voltage	230 V AC 1 phase
Rated power in W	300 W
Rated power in VA	500 VA
Output connection	3 IEC 60320 C13 1 IEC 60320 C13 surge 2 IEC Jumpers surge
USB charging port	None
Maximum configurable power in VA	500 VA
Maximum configurable power in W	300 W
Transfer time	6 ms typical : 10 ms maximum
UPS topology	Standby
Waveform type	Stepped approximation to a sinewave
Output frequency	47...63 Hz sync to mains 50/60 Hz +/- 1 Hz unsynchronised
Replacement battery	RBC2

Graphs

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph

Complementary

Battery capacity	7.0 Ah
Battery type	Lead-acid internal included
Control panel	LED Status display with on line : on battery

Excluding VAT, FCA Jabal Ali & amp; are subject to change – check with your local distributor.

Free slot	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
UPS connectivity	USB port
Surge energy rating	310 J
Noise filtering	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : meets UL 1449
Number of cables	2
Color	Beige
Height	165 mm
Width	91 mm
Depth	284 mm
Product weight	6.32 kg
Mounting location	Front
Mounting preference	No preference
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	Yes
Mounting mode	Tower
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
Number of power module filled slots	0
Number of power module free slots	0
Redundant	No
Range of product	Back-UPS
Product or component type	Uninterruptible power supply (UPS)

Environment

Product certification	RCM CE GOST VDE
Standard	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-15...45 °C
Storage altitude	0...15240 m
Relative humidity	0...95 %
Storage relative humidity	0...95 %
Acoustic level	40 dBA

Heat dissipation	24 Btu/h
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Operating altitude	0...10000 ft
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Batteries & Runtime

Battery type	Lead-acid battery
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Battery voltage	12 V
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Extendable runtime	0
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Included battery module	0
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Empty battery slot	0
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Typical recharge time	8 h
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RBC quantity	1
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Battery life	4...6 year(s)
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Battery charging power	10 W rated
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Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	17.800 cm
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Package 1 Width	24.100 cm
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Package 1 Length	36.800 cm
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Package 1 Weight	7.050 kg
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Unit Type of Package 2	P12
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Number of Units in Package 2	30
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Package 2 Height	105.000 cm
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Package 2 Width	80.000 cm
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Package 2 Length	120.000 cm
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Package 2 Weight	490.000 kg
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Image of product / Alternate images

Alternative



