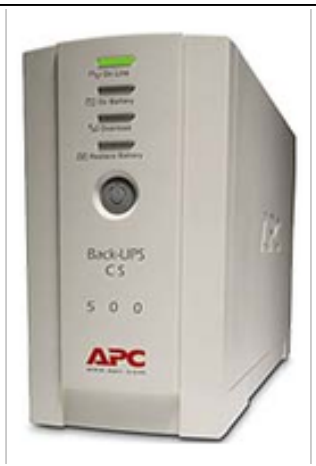
Product data sheet
Characteristics

BK500EI
APC Back-UPS, Back-UPS, 500VA/300W, Tower, 230V, 4x IEC C13 Outlets , User Replaceable Battery



Main

Main Input Voltage	230 V AC 1 phase
Input Connection Type	IEC 60320 C14
Maximum input current	7 A
Switching current capacity	7 A
Input voltage limits	160...300 V adjustable 180...266 V
Network 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 type	3 IEC 60320 C13 1 IEC 60320 C13 surge 2 IEC 60320 surge
Type of USB power supply	None
Maximum configurable power in VA	500 VA
Maximum configurable power in W	300 W
Transfer time	6 ms typical : 10 ms maximum
UPS type	Standby
Wave type	Stepped approximation to a sinewave
Output frequency	47...63 Hz sync to mains 50/60 Hz +/- 1 Hz unsynchronised

Complementary

Battery capacity	7.0 Ah
Battery type	Lead-acid internal included
Control panel	LED Status display with on line : on battery
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
Software compatibility	SmartConnect
UPS connectivity	USB port
Surge energy rate	310 J
Noise suppression	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : r

Number of cables	2
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
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 certifications	RCM[RETURN]CE[RETURN]GOST[RETURN]VDE
Standards	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
Operating altitude	0...10000 ft

Batteries & Runtime

Battery type	Lead-acid battery
Battery voltage	12 V
Extended runtime	0
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	8 H
Number of battery replacement quantity	1
Battery life	4…6 Year(S)
Battery charger power	10 W rated

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

Offer Sustainability

Recyclability potential, in %	62
Total lifecycle Carbon footprint	251 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	67.55181818181818
Carbon footprint of the manufacturing phase [A1 to A3]	68 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.7280727272727272
Carbon footprint of the distribution phase [A4]	0.7 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	182.01818181818183
Carbon footprint of the use phase [B2, B3, B4, B6]	182 kg CO2 eq.
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.6421909090909091
Carbon footprint of the end-of-life phase [C1 to C4]	0.6 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	251
Average percentage of recycled plastic content	15 %
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	019b51cf-d7f1-4f06-ac85-1378fc94c7aa
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
Energy Efficiency Optimized	Energy efficient product
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 a

Contractual warranty

Warranty (in months)	24 Battery|24 UPS

Product Life Status : Commercialised