

Product datasheet

Specifications

APC

Green
Premium™



APC Back-UPS, 500VA, Tower, 230V, 3x IEC C13 outlets, AVR

BX500CI

Overview

Lead time

Main

Main Input Voltage	230 V
Rated power in W	300 W
Rated power in VA	500 VA
Output connection type	3 IEC 60320 C13 1 IEC Jumpers
Cable length	1.83 m
Number of cables	1

General

Provided equipment	user manual
Product web sub-family	Entry level
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

Physical

Colour	Black
Height	18.5 cm
Width	11.5 cm
Depth	21.3 cm
Net weight	5.2 kg
Mounting support	Desktop
Mounting preference	No preference
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No

Input

Network frequency	45...65 Hz
Input voltage limits	160...280 V
Maximum input current	2 A
Switching current capacity	7 A

Output

Maximum configurable power in W	300 W
Output frequency	50 Hz sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
UPS type	Line interactive
Wave type	Stepped approximation to a sine wave
Maximum configurable power in VA	500 VA
Transfer time	6 ms typical : 10 ms maximum

Conformance

Product certifications	CE
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	45 dBA

Batteries & Runtime

Number of battery filled slots	0
Number of battery free slots	0
Battery voltage	12 V
Battery capacity	6.4 Ah
Battery charger power	4700 W rated
Battery power in VAh	47 VAh runtime
Extended runtime	0

Communications & Management

Control panel	LED status display with on line : on battery : replace battery and overload indicators
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 273 J

Packing Units

Unit Type of Package 1 PCE

Number of Units in Package 1 1

Package 1 Height 25.7 cm

Package 1 Width 29.1 cm

Package 1 Length 19 cm

Package 1 Weight 5.68 kg

SCC14 60731304307367

Offer Sustainability

Sustainable offer status Green Premium product

REACH Regulation [REACH Declaration](#)

EU RoHS Directive Compliant
[EU RoHS Declaration](#)

Mercury free Yes

RoHS exemption information Yes

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)

WEEE The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Optimized Energy Efficiency Energy efficient product

Take-back Take-back program available

Contractual warranty

Warranty 2 years repair or replace

Recommended replacement(s)