Product data sheet

Specifications



APC Back-UPS 500VA, 230V, AVR, IEC Sockets

BX500MI

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
Cable length	1.52 m
Number of cables	1
Battery type	Lead-acid battery

General

Provided equipment	user manual
Max runtime	120 min
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

Physical

Colour	Black
Height	13.8 cm
Width	9.8 cm
Depth	31 cm
Net weight	4.2 kg
Mounting preference	No preference
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No

Input

Network frequency	50/60 Hz +/- 5 Hz auto-sensing
Plug standard	C14

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Input voltage limits	140...300 V
Input Power Factor at Full Load	0.63

Output

Maximum configurable power in W	300 W
Output frequency	50/60 Hz +/- 1 Hz sync to mains
UPS type	Line interactive
Wave type	Stepped approximation to a sinewave
Full load runtime	00:01:00 300 W
Half load runtime	00:07:15
Maximum configurable power in VA	500 VA
Transfer time	6 ms typical : 10 ms maximum

Conformance

Product certifications	CE EAC
Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
Equipment protection policy	Lifetime : 50000 euros

Environmental

Ambient air temperature for operation	0…40 °C
Relative humidity	0…95 % non-condensing
Operating altitude	0...3000 m
Ambient air temperature for storage	-15…40 °C
Storage Relative Humidity	0…95 % non-condensing
Storage altitude	0…3000 m
Acoustic level	40 dBA
IP degree of protection	IP20

Batteries & Runtime

Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	8 h
Battery voltage	12 V
Battery capacity	7.0 Ah
Battery power in VAH	60 VAh runtime
Battery life	3…5 year(s)
Replacement battery	APCRBC110
Battery graph comments	Curve fit to measured runtime data. All measurements taken with new, fully charged batteries, at typical environmental conditions, with no electrical input and balanced resistive load (PF = 1.0) output.
Extended runtime	0

Communications & Management

Control panel	LED Status display with on line : on battery

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	22.2 cm
Package 1 Width	14.2 cm
Package 1 Length	34.6 cm
Package 1 Weight	4.5 kg

Offer Sustainability

REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	2 years repair or replace

Recommended replacement(s)