

Product datasheet

Specifications



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

BX500MI

Overview

Lead time Usually in Stock

Main

Main Input Voltage	230 V
rated power in W	300 W
rated power in VA	500 VA
Product or component type	Uninterruptible power supply (UPS)
Input Connection Type	IEC 60320 C13
output connection type	3 IEC 60320 C13
Cable length	1.5 m
Number of cables	1
Battery type	Lead-acid battery

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
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 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

General

Provided equipment	user manual
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
---------------	-----

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

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

Contractual warranty

Warranty 2 years repair or replace



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

Environmental footprint

[Environmental Disclosure](#)

[Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
SCIP Number	Ec96232c-7000-4722-846e-a372cdfca8dc
REACH Regulation	REACH Declaration
China RoHS Regulation	China RoHS declaration

Use Again

Repack and remanufacture

Circularity Profile	End of Life Information
Removable battery	User replaceable
WEEE	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Take-back	No