

# 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	<a href="#">View Runtime Graph</a>
Efficiency	<a href="#">View Efficiency Graph</a>
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	<a href="#">APCRBC110</a>
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
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## 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

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Storage altitude	0...3000 m
Acoustic level	40 dBA
IP degree of protection	IP20

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## Communications & Management

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control panel                      LED Status display with on line : on battery

## Surge Protection and Filtering

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Surge energy rate                      273 J

## Packing Units

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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

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## Contractual warranty

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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

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Take-back

No

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Image of product / Alternate images

Alternative

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