

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
Input Connection Type	IEC 60320 C13
Output Connection Type	3 IEC 60320 C13
Cable Length	1.52 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

Max Runtime 120 min

Number Of Power Module Free Slots 0

Number Of Power Module Filled Slots 0

Redundant	No
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Physical

Colour	Black
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Height	13.8 cm
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Width	9.8 cm
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Depth	31 cm
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Net Weight	4.2 kg
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Mounting Preference	No preference
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Mounting Mode	Not rack-mountable
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Two Post Mountable	0
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Usb Compatible	No
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Input

Network Frequency	50/60 Hz +/- 5 Hz auto-sensing
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Plug Standard	C14
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Input Voltage Limits	140...300 V
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Input Power Factor At Full Load	0.63
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Output

Maximum Configurable Power In W	300 W
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Output Frequency	50/60 Hz +/- 1 Hz sync to mains
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Ups Type	Line interactive
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Wave Type	Stepped approximation to a sinewave
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Full Load Runtime	00:01:00 300 W
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Half Load Runtime	00:07:15
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Maximum Configurable Power In Va	500 VA
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Transfer Time	6 ms typical : 10 ms maximum
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Conformance

Product Certifications	CE EAC
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Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
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Equipment Protection Policy	Lifetime : 50000 euros
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Environmental

Ambient Air Temperature For Operation	0...40 °C
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Relative Humidity	0...95 % non-condensing
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Operating Altitude	0...3000 m
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Ambient Air Temperature For Storage	-15...40 °C
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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

Communications & Management

Control Panel	LED Status display with on line : on battery
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Surge Protection and Filtering

Surge Energy Rate	273 J
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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
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

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Transparency RoHS/REACH

Well-being performance

Mercury Free

Rohs Exemption Information [Yes](#)

Certifications & Standards

Reach Regulation	REACH Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information