

Product datasheet

Specifications



APC Back-UPS, 1600VA, Tower, 230V, 6x IEC C13 outlets, AVR

BX1600MI

Overview

Lead Time Usually in Stock

Main

Main Input Voltage	230 V
Rated Power In W	900 W
Rated Power In Va	1600 VA
Input Connection Type	IEC 60320 C13
Output Connection Type	6 IEC 60320 C13
Cable Length	1.22 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	24 V
Battery Capacity	7.0 Ah
Battery Life	3...5 year(s)
Replacement Battery	APCRBC176
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	240 min
Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	0

Redundant	No
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Physical

Colour	Black
Height	19 cm
Width	14 cm
Depth	39 cm
Net Weight	10.3 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
Input Voltage Limits	140...300 V
Input Power Factor At Full Load	0.56

Output

Maximum Configurable Power In W	900 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	00:01:00 900 W
Half Load Runtime	00:06:30 450 W
Maximum Configurable Power In Va	1600 VA
Transfer Time	6 ms typical : 10 ms maximum

Conformance

Product Certifications	CE CB 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
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Ip Degree Of Protection	IP20
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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
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Number Of Units In Package 1	1
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Package 1 Height	19 cm
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Package 1 Width	39 cm
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Package 1 Length	14 cm
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Package 1 Weight	11.3 kg
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Sccl4	10731304410826
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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

Reach Free Of Svhc

Toxic Heavy Metal Free

Mercury Free

Rohs Exemption Information [Yes](#)

Certifications & Standards

Reach Regulation

[REACH Declaration](#)

Eu Rohs Directive

Compliant

[EU RoHS Declaration](#)

China Rohs Regulation

[China RoHS declaration](#)

Pro-active China RoHS declaration (out of China RoHS legal scope)

Environmental Disclosure

[Product Environmental Profile](#)

Circularity Profile

[End of Life Information](#)