

Product data sheet

Specifications



APC Back-UPS 1600VA, 230V, AVR, 4 universal outlets

BX1600MI-MS

Overview

Lead time Usually in Stock

Main

Main Input Voltage 230 V

Rated power in W 900 W

Rated power in VA 1600 VA

Output connection type 4 universal

Cable length 1.22 m

Number of cables 1

Battery type Lead-acid battery

Batteries & Runtime

Number of battery filled slots 0

Number of battery free slots 0

Battery recharge time 8 h

Battery voltage 24 V

Battery power in VAh 136 VAh runtime
168 VAh capacity

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

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
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 29.7 cm

Package 1 Width 49.5 cm

Package 1 Length 23.5 cm

Package 1 Weight 11.3 kg

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Offer Sustainability

REACH Regulation [REACH Declaration](#)

EU RoHS Directive Compliant
[EU RoHS Declaration](#)

Toxic heavy metal free Yes

Mercury free Yes

China RoHS Regulation [China RoHS declaration](#)
Pro-active China RoHS declaration (out of China RoHS legal scope)

RoHS exemption information [Yes](#)

Contractual warranty

Warranty 2 years repair or replace

Recommended replacement(s)