

# 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

### 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
Product weight	10.3 kg
Mounting preference	No preference
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

## 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

## 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)
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

## Communications & Management

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Control panel	LED Status display with on line : on battery
Alarm	Alarm when on battery : distinctive low battery alarm

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## Surge Protection and Filtering

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Surge energy rate	273 J
Data line protection	RJ45 10/100/1000 Base-T Ethernet protection

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## Packing Units

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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
SCC14	10731304410727

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## Offer Sustainability

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EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
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## Contractual warranty

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Warranty	2 years repair or replace
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## Recommended replacement(s)