

# Product datasheet

Specifications



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

BX1600MI

EAN Code: 0731304410829

### Overview

Lead time Usually in Stock

### Main

Main Input Voltage	230 V AC 1 phase
Main Output Voltage	230 V AC 1 phase
Rated power in W	900 W
rated power in VA	1600 VA
Product or component type	Uninterruptible power supply (UPS)
Input Connection Type	IEC 60320 C13
output connection type	6 IEC 60320 C13
Cable length	1.2 m
Number of cables	1
Battery type	Lead-acid battery
Range of product	Back-UPS

### Complementary

UPS connectivity	None
Battery type	Lead-acid internal included
Mounting mode	Tower

### 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	24 V
Battery capacity	7.0 Ah
Battery life	3...5 year(s)
Replacement battery	<a href="#">APCRBC176</a>

Rates duty January 2016

<b>Battery graph comments</b>	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.
<b>Extended runtime</b>	0

## General

<b>Provided equipment</b>	user manual
<b>Number of power module free slots</b>	0
<b>Number of power module filled slots</b>	0
<b>Redundant</b>	No

## Physical

<b>Colour</b>	Black
<b>Height</b>	190 mm
<b>Width</b>	140 mm
<b>Depth</b>	390 mm
<b>Net weight</b>	10.3 kg
<b>Mounting preference</b>	No preference
<b>Mounting mode</b>	Not rack-mountable
<b>Two post mountable</b>	0
<b>USB compatible</b>	Yes

## Input

<b>Network frequency</b>	50/60 Hz +/- 5 Hz auto-sensing
<b>Input voltage limits</b>	140...300 V
<b>Input Power Factor at Full Load</b>	0.56

## Output

<b>Maximum configurable power in W</b>	900 W
<b>Output frequency</b>	50/60 Hz +/- 1 Hz sync to mains
<b>UPS type</b>	Line interactive
<b>Wave type</b>	Stepped approximation to a sinewave
<b>Full load runtime</b>	00:01:00 900 W
<b>Half load runtime</b>	00:06:30 450 W
<b>Maximum configurable power in VA</b>	1600 VA
<b>Transfer time</b>	6 ms typical : 10 ms maximum

## Conformance

<b>Product certifications</b>	CE CB EAC
<b>Standards</b>	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018

## 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
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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	19 cm
Package 1 Width	39 cm
Package 1 Length	14 cm
Package 1 Weight	11.3 kg
SCC14	10731304410826

## Contractual warranty

Warranty (in months)	24
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## 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 >](#)

[How we assess product sustainability >](#)

### Environmental footprint

Total lifecycle Carbon footprint 403

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

SCIP Number 50414655-abe7-48e2-9b8c-578e40cce4a8

REACH Regulation [REACH Declaration](#)

### Energy efficiency

Energy Efficiency Optimized Energy efficient product

## Use Again

### Repack and remanufacture

End of life manual availability [End of Life Information](#)

Removable battery User replaceable

Take-back Yes

WEEE Label  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Image of product / Alternate images

Alternative

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