

# Product datasheet

Specifications



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

BX1600MI

**Price: 4,599.82 ZAR**

## Overview

Lead time Usually in Stock

## Main

Main Input Voltage	230 V AC 1 phase
Input Connection Type	IEC 60320 C13
Cos phi	0.56
Input voltage limits	140...300 V
Network frequency	50/60 Hz +/- 5 Hz auto-sensing
Output voltage	230 V AC 1 phase
Rated power in W	900 W
rated power in VA	1600 VA
Output connection type	6 IEC 60320 C13
USB Charging Port	None
Maximum configurable power in VA	1600 VA
Maximum configurable power in W	900 W
Transfer time	6 ms typical : 10 ms maximum
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
Output frequency	50/60 Hz +/- 1 Hz sync to mains

## Complementary

Battery type	Lead-acid battery
Battery voltage	24 V
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
Battery capacity	7.0 Ah
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	8 h

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

<b>Battery life</b>	3...5 year(s)
<b>Battery type</b>	Lead-acid internal included
<b>Control panel</b>	LED Status display with on line : on battery
<b>UPS connectivity</b>	None
<b>Surge energy rate</b>	273 J
<b>Cable length</b>	1.2 m
<b>Number of cables</b>	1
<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
<b>Mounting mode</b>	Tower
<b>Number of power module filled slots</b>	0
<b>Number of power module free slots</b>	0
<b>Redundant</b>	No
<b>Range of product</b>	Back-UPS
<b>Product or component type</b>	Uninterruptible power supply (UPS)
<b>Number of tare power</b>	20 W
<b>Curve equation</b>	Efficiency
<b>Curve fixed loss</b>	0.0206
<b>Curve load maximum</b>	100 %
<b>Curve load minimum</b>	3 %
<b>Curve proportional loss</b>	0
<b>Curve square loss</b>	0.0106
<b>Curve test cond ID</b>	Curve fit of data measured in accordance with the ENERGY STAR Test Method for Uninterruptible Power Supplies. All measurements taken in normal mode(s), at typical environmental conditions, with 230V/50Hz electrical input and balanced resistive load (PF = 1.0) output.
<b>Curve X-axis maximum</b>	100 %
<b>Curve X-axis minimum</b>	0 %
<b>Curve X-axis title</b>	Load
<b>Curve X-axis units</b>	Percentage
<b>Curve Y-axis maximum</b>	100 %
<b>Curve Y-axis minimum</b>	50 %
<b>Curve Y-axis title</b>	Efficiency
<b>Curve Y-axis units</b>	Percentage
<b>Graph display</b>	1

Show note OP temperature	No
Battery curve	C
Liquid value	0
Battery power in VAH	136 VAh runtime 168 VAh capacity
UPS size	WS

## Environment

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
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-15...40 °C
Storage altitude	0...3000 m
IP degree of protection	IP20
Relative humidity	0...95 % non-condensing
Storage Relative Humidity	0...95 % non-condensing
Acoustic level	40 dBA
Operating altitude	0...3000 m

## 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](#)

## Use Longer



### Lifetime extension

Repair No

## Use Again



### Repack and remanufacture

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

Removable battery User replaceable

Take-back No

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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