

Product datasheet

Specifications



APC Back-UPS, 1600VA, Tower, 230V, 4x CEE 7/5 French Schuko outlets, AVR

BX1600MI-FR

⚠ Discontinued on: 01 Dec 2024

⚠ To be discontinued

Price: 4,599.82 ZAR

Overview

Lead time Usually in Stock

Main

Main Input Voltage 230 V AC 1 phase

Input Connection Type French/Belgian

Cos phi 0.56

Plug standard French/Belgian

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 4 French

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

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

Battery recharge time	8 h
Battery life	3...5 year(s)
Battery type	Lead-acid internal included
Control panel	LED Status display with on line : on battery
UPS connectivity	None
Surge energy rate	273 J
Cable length	1.2 m
Number of cables	1
Colour	Black
Height	190 mm
Width	140 mm
Depth	390 mm
Net weight	10.3 kg
Mounting preference	No preference
Mounting mode	Not rack-mountable
USB compatible	Yes
Mounting mode	Tower
Number of power module filled slots	0
Redundant	No
Range of product	Back-UPS
Product or component type	Uninterruptible power supply (UPS)
Number of tare power	20 W
Curve equation	Efficiency
Curve fixed loss	0.0206
Curve load maximum	100 %
Curve load minimum	3 %
Curve proportional loss	0
Curve square loss	0.0106
Curve test cond ID	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.
Curve X-axis maximum	100 %
Curve X-axis minimum	0 %
Curve X-axis title	Load
Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %
Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Graph display	1
Battery curve	C

Battery power in VAH	136 VAh runtime 168 VAh capacity
UPS size	WS

Environment

Product certifications	CE CB
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	29.000 cm
Package 1 Width	23.200 cm
Package 1 Length	49.000 cm
Package 1 Weight	11.398 kg
Unit Type of Package 2	P12
Number of Units in Package 2	8
Package 2 Height	74.400 cm
Package 2 Width	80.000 cm
Package 2 Length	120.000 cm
Package 2 Weight	105.000 kg
SCC14	10731304420504

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 406

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 Ec96232c-7000-4722-846e-a372cdfca8dc

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



