

# Product datasheet

Specifications



APC Back-UPS Pro, 1600VA/  
960W, Tower, 230V, 8x IEC C13  
outlets, AVR, LCD, User  
Replaceable Battery

BR1600MI

**Price: 9,549.60 ZAR**

## Overview

Lead time Usually in Stock

## Main

Main Input Voltage	230 V AC 1 phase
Input Connection Type	IEC 60320 C14
Maximum input current	10 A
Switching current capacity	10 A
Input voltage limits	176...294 V
Network frequency	50/60 Hz +/- 3 Hz auto-sensing
Output voltage	230 V AC 1 phase
Rated power in W	960 W
rated power in VA	1600 VA
Output connection type	6 IEC 60320 C13 2 IEC 60320 C13 surge
USB Charging Port	None
Maximum configurable power in VA	1600 VA
Maximum configurable power in W	960 W
UPS type	Line interactive
Output frequency	50/60 Hz +/- 1 Hz sync to mains

## Complementary

Battery type	Lead-acid battery
Battery voltage	24 V
Extended runtime	0
Battery capacity	9.0 Ah
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	16 h
Number of battery replacement quantity	1
Battery life	3...5 year(s)
Battery charger power	11 W rated

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

<b>Battery type</b>	Lead-acid internal included
<b>Control panel</b>	Multifunction LCD status and control console
<b>Alarm</b>	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
<b>UPS connectivity</b>	USB port
<b>Surge energy rate</b>	509 J
<b>Noise suppression</b>	Full time multi-pole noise filtering : 10% of IEEE surge let-through : zero clamping response time: instantaneous
<b>Colour</b>	Black
<b>Height</b>	100 mm
<b>Width</b>	250 mm
<b>Depth</b>	382 mm
<b>Net weight</b>	10.9 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 Pro
<b>Product or component type</b>	Uninterruptible power supply (UPS)
<b>Number of tare power</b>	31 W
<b>Curve equation</b>	Efficiency
<b>Curve fixed loss</b>	0.0051
<b>Curve load maximum</b>	100 %
<b>Curve load minimum</b>	1 %
<b>Curve proportional loss</b>	0.0000
<b>Curve square loss</b>	0.0054
<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	B
Liquid value	0
Battery power in VAH	216 VAh runtime 216 VAh capacity
UPS size	WS

## Environment

Product certifications	A-Tick C-Tick CE EAC RCM TISI
Marking	GS Mark
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...45 °C
Storage altitude	0...15240 m
Relative humidity	0...95 % non-condensing
Storage Relative Humidity	0...95 % non-condensing
Acoustic level	45 dBA
Heat dissipation	21.5 Btu/h
Operating altitude	0...10000 ft

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	33 cm
Package 1 Width	22.5 cm
Package 1 Length	48.5 cm
Package 1 Weight	11.65 kg
SCC14	10731304346910

## 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 415

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 with Exemptions

SCIP Number 019b51cf-d7f1-4f06-ac85-1378fc94c7aa

REACH Regulation [REACH Declaration](#)

### Energy efficiency

Energy Efficiency Optimized Energy efficient product

## 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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