

# Product datasheet

Specifications



## APC Back-UPS Pro 1600S, 1600VA, 230V, Sinewave, AVR, LCD, 8 IEC outlets (2 surge)

BR1600SI

⚠ Discontinued on: 01 Dec 2024

⚠ To be discontinued

**Price: 13,229.60 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 USB type A + C

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 9.4 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 16 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>	260 mm
<b>Width</b>	100 mm
<b>Depth</b>	368 mm
<b>Net weight</b>	12.1 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>	44 W
<b>Curve equation</b>	Efficiency
<b>Curve fixed loss</b>	0.0035
<b>Curve load maximum</b>	100 %
<b>Curve load minimum</b>	1 %
<b>Curve proportional loss</b>	0.0000
<b>Curve square loss</b>	0.0033
<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	260 VAh runtime
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	19.5 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	35.9 cm
Package 1 Width	48.2 cm
Package 1 Length	22.3 cm
Package 1 Weight	13.75 kg
SCC14	10731304346927

## 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 490

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