

Product datasheet

Specifications



APC Back-UPS Pro, 1600VA/
960W, Tower, 230V, 8x IEC C13
outlets, Sine Wave, AVR, USB
Type A + C ports, LCD, User
Replaceable Battery

BR1600SI

Overview

Lead Time Usually in Stock

Main

Main Input Voltage	230 V
Main Output Voltage	230 V
Rated Power In W	960 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 2 IEC 60320 C13 surge
Battery Type	Lead-acid battery

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Number Of Battery Filled Slots	0
Number Of Battery Free Slots	0
Battery Recharge Time	16 h
Number Of Battery Replacement Quantity	1
Battery Voltage	24 V
Battery Capacity	9.4 Ah
Battery Charger Power	16 W rated
Battery Life	3...5 year(s)
Replacement Battery	APCRBC163
Extended Runtime	0

General

Provided Equipment	user manual USB cable
Number Of Power Module Free Slots	0

Number Of Power Module Filled Slots	0
Redundant	No

Physical

Colour	Black
Height	26 cm
Width	10 cm
Depth	36.8 cm
Net Weight	12.1 kg
Mounting Preference	No preference
Mounting Mode	Not rack-mountable
Two Post Mountable	0
Usb Compatible	No

Input

Network Frequency	50/60 Hz +/- 3 Hz auto-sensing
Input Voltage Limits	176...294 V
Maximum Input Current	10 A
Switching Current Capacity	10 A

Output

Maximum Configurable Power In W	960 W
Output Frequency	50/60 Hz +/- 1 Hz sync to mains
Ups Type	Line interactive
Maximum Configurable Power In Va	1600 VA

Conformance

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

Environmental

Ambient Air Temperature For Operation	0...40 °C
Relative Humidity	0...95 % non-condensing
Operating Altitude	0...10000 ft
Ambient Air Temperature For Storage	-15...45 °C
Storage Relative Humidity	0...95 % non-condensing
Storage Altitude	0.00...15240.00 m

Acoustic Level	45 dBA
Heat Dissipation	19.5 Btu/h

Communications & Management

Control Panel	Multifunction LCD status and control console
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

Surge Protection and Filtering

Surge Energy Rate	509 J
Noise Suppression	Full time multi-pole noise filtering : 10% of IEEE surge let-through : zero clamping response time: instantaneous

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
Scs14	10731304346927

Contractual warranty

Warranty	2 years repair or replace, 3 years repair or replace for European Union countries
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Sustainability

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Energy Efficient Take-back Transparency RoHS/REACH

Resource performance

Energy Efficient Product

Take-Back Program Available

Well-being performance

Rohs Exemption Information [Yes](#)

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive [Compliant with Exemptions](#)

China Rohs Regulation [China RoHS declaration](#)
Product out of China RoHS scope. Substance declaration for your information

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)
