

Product datasheet

Specifications

APC

Green
Premium™



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

Main

Main Input Voltage	230 V
Rated power in W	960 W
Rated power in VA	1600 VA
Output connection type	6 IEC 60320 C13 2 IEC 60320 C13 surge
Battery type	Lead-acid battery

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

Batteries & Runtime

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 power in VAh	260 VAh runtime
Battery life	3...5 year(s)

Replacement battery	APCRBC163 
Extended runtime	0

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
SCC14	10731304346927

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

Contractual warranty

Warranty	2 years repair or replace, 3 years repair or replace for European Union countries
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Recommended replacement(s)