

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
Rated power in W	960 W
Rated power in VA	1600 VA
Product or component type	Uninterruptible power supply (UPS)
Output connection type	6 IEC 60320 C13 2 IEC 60320 C13 surge
Battery type	Lead-acid battery

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

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
Product 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
SCC14	10731304346927

Offer Sustainability

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
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
----------	---

Recommended replacement(s)