

# Product datasheet

Specifications



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

BR1600MI

### 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	10 cm
Width	25 cm
Depth	38.2 cm
Net weight	10.9 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
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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	21.5 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	9.0 Ah
Battery charger power	11 W rated
Battery power in VAh	180 VAh runtime
Battery life	3...5 year(s)
Replacement battery	<a href="#">APCRBC166</a> 
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	33 cm
Package 1 Width	22.5 cm
Package 1 Length	48.5 cm
Package 1 Weight	11.65 kg
SCC14	10731304346910

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
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)