Product data sheet

Specifications

Green Premium™

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

BR1600MI

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	9.0 Ah
Battery Charger Power	11 W rated
Battery Life	3…5 year(s)
Replacement Battery	APCRBC166
Extended Runtime	0

General

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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
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

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

Contractual warranty

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

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Learn more about Green Premium >

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