Product datasheet

Specifications



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

BR1600MI

EAN Code: 0731304346913

Main

Main input voltage	230 V AC 1 phase
Input connection	IEC 60320 C14
Maximum input current	10 A
Switching current capacity	10 A
Efficiency at full load	176...294 V
Input frequency	50/60 Hz +/- 3 Hz auto-sensing
Output voltage	230 V AC 1 phase
Rated power in W	960 W
Rated power in VA	1600 VA
Output connection	6 IEC 60320 C13 2 IEC 60320 C13 surge
Type of USB power supply	None
Maximum configurable power in VA	1600 VA
Maximum configurable power in W	960 W
UPS topology	Line interactive
Output frequency	50/60 Hz +/- 1 Hz sync to mains
Replacement battery	APCRBC166

Graphs

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph

Complementary

Battery capacity	9.0 Ah
Battery type	Lead-acid internal included
Control panel	Multifunction LCD status and control console
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Software Compatibility	SmartConnect
UPS connectivity	USB port
Surge energy rating	509 J

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

Noise filtering	Full time multi-pole noise filtering : 10% of IEEE surge let-through : zero clamping response time: instantaneous
Color	Black
Height	250 mm
Width	100 mm
Depth	382 mm
Product weight	10.9 kg
Mounting preference	No preference
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	Yes
Mounting mode	Tower
Number of power module filled slots	0
Number of power module free slots	0
Redundant	No
Range of product	Back-UPS Pro
Product or component type	Uninterruptible power supply (UPS)

Environment

Product certification	A-Tick C-Tick CE EAC RCM TISI
Marking	GS Mark
Standard	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
Ambient air temperature for operation	0…40 °C
Ambient air temperature for storage	-15…45 °C
Storage altitude	0…15240 m
Relative humidity	0…95 % non-condensing
Storage relative humidity	0…95 % non-condensing
Acoustic level	45 dBA
Heat dissipation	21.5 Btu/h
Operating altitude	0...10000 ft

Batteries & Runtime

Battery type	Lead-acid battery
Battery voltage	24 V
Extendable runtime	0
Included battery module	0
Empty battery slot	0

Typical recharge time	16 h
RBC quantity	1
Battery life	3…5 year(s)
Battery charging power	11 W rated

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

Logistical informations

Country of origin	VN

Contractual warranty

Warranty (in months)	24

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Total lifecycle Carbon footprint	**415 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**112 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**1 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**301 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**1 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Average percentage of recycled plastic content	**15 %**
Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
SCIP Number	**019b51cf-d7f1-4f06-ac85-1378fc94c7aa**
EU RoHS Directive	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**

Energy efficiency

Energy Efficiency Optimized	**Energy efficient product**

Use Again

Repack and remanufacture

Recyclability potential, in %	**62**
End of life manual availability	**End of Life Information**
Removable battery	**User replaceable**
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**

Image of product / Alternate images

Alternative




150
APC
Back-UPS
Pro 1600

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