Product datasheet

Specifications



APC Back-UPS, 1600VA, Tower, 230V, 6x IEC C13 outlets, AVR

BXR1600MI

Main

Main Input Voltage	230 V AC 1 phase
Main Output Voltage	230 V AC 1 phase
Rated power in W	900 W
rated power in VA	1600 VA
Product or component type	Uninterruptible power supply (UPS)
Input Connection Type	IEC 60320 C14 12 A
output connection type	6
Cable length	1.2 m
Battery type	VRLA
Range of product	Back-UPS
USB Charging Port	None
Replacement battery	APCRBC176

Complementary

UPS connectivity	USB port
Battery type	Lead-acid internal included
Mounting mode	Tower

Batteries & Runtime

Battery recharge time	6 h
Number of battery replacement quantity	2
Battery voltage	24 V
Battery capacity	7 Ah
Battery charger power	28 W rated
Battery design life	3…5 year(s)
Battery life	3…5 year(s)
Battery graph comments	This graph is based on actual measured runtime data. All measurements were taken with new, fully charged batteries and a balanced resistive load (PF = 1.0). Actual runtimes may vary from the values of this graph. Actual runtimes are dependent on several v

General

Provided equipment	1.2 m

Rates duty January 2016

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

Physical

Colour	Black
Height	190 mm
Width	140 mm
Depth	390 mm
Net weight	10.8 kg
USB compatible	Yes

Input

Network frequency	50/60 Hz +/- 5 Hz auto-sensing
Maximum input current	7.9 A
Load power factor	<=0.6

Output

Maximum configurable power in W	900 W
Output frequency	50/60 Hz +/- 1 Hz 0 to 100 % load sync to mains
UPS type	Line interactive
Wave type	Stepped approximation to a sinewave
Output voltage tolerance	+/- 10 %
Half load runtime	00:06:30 450 W
Maximum configurable power in VA	1600 VA
Transfer time	6 ms typical : 10 ms maximum

Conformance

Product certifications	CB
Marking	CE
Standards	EN/IEC 62040-1:2017

Environmental

Ambient air temperature for operation	0…40 °C
Relative humidity	0…95 % non-condensing
Operating altitude	0...3000 m
Storage Relative Humidity	0…95 % non-condensing
Storage altitude	0…3000 m
Acoustic level	40 dBA
IP degree of protection	IP20 conforming to IEC 60529

Communications & Management

Control panel	LED Status display with on line : on battery

Surge Protection and Filtering

Surge energy rate	273 J

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	30.8 cm
Package 1 Width	23.5 cm
Package 1 Length	49.5 cm
Package 1 Weight	12.6 kg
Unit Type of Package 2	PAM
Number of Units in Package 2	60
Package 2 Height	209.000 cm
Package 2 Width	100.000 cm
Package 2 Length	120.000 cm
Package 2 Weight	769.000 kg
SCC14	10731304795039

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	**610 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**135 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**11 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**3 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**433 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**28 kg CO2 eq.**
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No, we have minimized the use of plastic in the packaging in compliance with regulations and considering quality and safety standards**
SCIP Number	**5f95355c-901f-470c-bd25-012f59a34089**
EU RoHS Directive	Compliant By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold

Use Again

Repack and remanufacture

Recyclability potential, in %	**38**
End of life manual availability	End of Life Information
Removable battery	**User replaceable**

Image of product / Alternate images

Alternative








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