Product datasheet

Specifications

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

BX1600MI

Overview

Lead time	Usually in Stock

Main

Main Input Voltage	230 V
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 C13
output connection type	6 IEC 60320 C13
Cable length	1.2 m
Number of cables	1
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	8 h
Battery voltage	24 V
Battery capacity	7.0 Ah
Battery life	3…5 year(s)
Replacement battery	APCRBC176 🗗
Battery graph comments	Curve fit to measured runtime data. All measurements taken with new, fully charged batteries, at typical environmental conditions, with no electrical input and balanced resistive load (PF = 1.0) output.
Extended runtime	0

General

Provided equipment	user manual
Number of power module free slots	0
Number of power module filled slots	0

Redundant	No

Physical

Colour	Black
Height	19 cm
Width	14 cm
Depth	39 cm
Product weight	10.3 kg
Mounting preference	No preference
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No

Input

Network frequency	50/60 Hz +/- 5 Hz auto-sensing
Input voltage limits	140...300 V
Input Power Factor at Full Load	0.56

Output

Maximum configurable power in W	900 W
Output frequency	50/60 Hz +/- 1 Hz sync to mains
UPS type	Line interactive
Wave type	Stepped approximation to a sinewave
Full load runtime	00:01:00 900 W
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	CE CB EAC
Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
Equipment protection policy	Lifetime : 50000 euros

Environmental

Ambient air temperature for operation	0…40 °C
Relative humidity	0…95 % non-condensing
Operating altitude	0...3000 m
Ambient air temperature for storage	-15…40 °C
Storage Relative Humidity	0…95 % non-condensing
Storage altitude	0…3000 m

Acoustic level	40 dBA
IP degree of protection	IP20

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	19 cm
Package 1 Width	39 cm
Package 1 Length	14 cm
Package 1 Weight	11.3 kg
SCC14	10731304410826

Contractual warranty

Warranty	2 years repair or replace

⬤ 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 footprint

Environmental Disclosure	[Product Environmental Profile](#)

Use Better

⬤ Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**No**
[EU RoHS Directive](#)	**Compliant**
SCIP Number	**50414655-abe7-48e2-9b8c-578e40cce4a8**
REACh Regulation	[REACh Declaration](#)
China RoHS Regulation	[China RoHS declaration](#)

Use Again

⬤ Repack and remanufacture

Circularity Profile	[End of Life Information](#)
Removable battery	**User replaceable**
Take-back	**No**

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Image of product / Alternate images

Alternative