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
Net 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

Sustainability

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Transparency   RoHS/REACh

Well-being performance

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation   REACh Declaration

Eu Rohs Directive   Compliant

EU RoHS Declaration

China Rohs Regulation   China RoHS declaration

Pro-active China RoHS declaration (out of China RoHS legal scope)

Environmental Disclosure   Product Environmental Profile

Circularity Profile   End of Life Information