Product datasheet

Specifications



APC Back-UPS, 1600VA, Tower, 230V, 4 Universal outlets, AVR

BX1600MI-MS

Discontinued

Main

Main input voltage	230 V AC 1 phase
Cos phi	0.56
Efficiency at full load	140...300 V
Input frequency	50/60 Hz +/- 5 Hz auto-sensing
Output voltage	230 V AC 1 phase
Rated power in W	900 W
Rated power in VA	1600 VA
Output connection	4 universal
Type of USB power supply	None
Maximum configurable power in VA	1600 VA
Maximum configurable power in W	900 W
Transfer time	6 ms typical : 10 ms maximum
UPS topology	Line interactive
Waveform type	Stepped approximation to a sinewave
Full load runtime	00:01:00 900 W
Half load runtime	00:06:30 450 W
Output frequency	50/60 Hz +/- 1 Hz sync to mains

Graphs

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph

Complementary

Battery type	Lead-acid internal included
Control panel	LED Status display with on line : on battery
UPS connectivity	USB port
Surge energy rating	273 J
Cable length	1.2 m
Number of cables	1
Color	Black

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

Height	190 mm
Width	140 mm
Depth	390 mm
Product weight	10.3 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
Product or component type	Uninterruptible power supply (UPS)

Environment

Product certification	CE
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…40 °C
Storage altitude	0…3000 m
IP protection	IP20
Relative humidity	0…95 % non-condensing
Storage relative humidity	0…95 % non-condensing
Acoustic level	40 dBA
Operating altitude	0...3000 m

Batteries & Runtime

Battery type	Lead-acid battery
Battery voltage	24 V
Battery graph comment	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.
Extendable runtime	0
Included battery module	0
Empty battery slot	0
Typical recharge time	8 h
Battery life	3…5 year(s)

Packing Units

Unit Type of Package 1	PCE

Number of Units in Package 1	1
Package 1 Height	29.7 cm
Package 1 Width	49.5 cm
Package 1 Length	23.5 cm
Package 1 Weight	11.3 kg
SCC14	10731304410727

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

Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	Ec96232c-7000-4722-846e-a372cdfca8dc
EU RoHS Directive	Compliant
REACh Regulation	Reference contains Substances of Very High Concern above the threshold

Use Again

Repack and remanufacture

End of life manual availability	End of Life Information
Removable battery	No
Take-back	No

Image of product / Alternate images

Alternative



