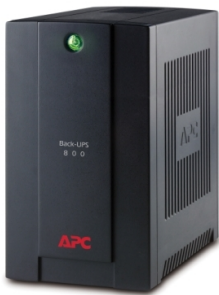# Product data sheet

Specifications

APC Back-UPS 800VA, 230V, AVR, Universal and IEC Sockets

BX800LI-MS

⊘ **Discontinued on:** Aug 25, 2023

⊘ **Discontinued**

Overview

Lead time	Usually in Stock

Main

Main Input Voltage	230 V
Rated power in W	415 W
Rated power in VA	800 VA
output connection type	1 IEC 60320 C13 2 universal receptacle
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	1
Number of battery free slots	0
Battery recharge time	6 h
Number of battery replacement quantity	1
Battery charger power	13 W rated
Battery life	2…4 year(s)
Replacement battery	APCRBC110 ↗
Extended runtime	0

General

Provided equipment	user manual warranty card
product web sub-family	Entry level
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

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Physical

Colour	Black
Height	20 cm
Width	11.5 cm
Depth	25.6 cm
net weight	6.5 kg
Mounting preference	No preference
mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No

Input

Network frequency	50/60 Hz +/- 3 Hz auto-sensing
Input voltage limits	140...300 V
Maximum input current	7 A
Switching current capacity	7 A
Input protection type	3-pole circuit breaker
Input current	7 A (1 phase)
Input Power Factor at Full Load	0.52

Output

Maximum configurable power in W	415 W
Output frequency	50/60 Hz +/- 1 Hz sync to mains 50/60 Hz +/- 1 Hz unsynchronised
UPS type	Line interactive
Wave type	Stepped approximation to a sinewave
Maximum configurable power in VA	800 VA
Transfer time	4 ms typical : 6 ms maximum

Conformance

Product certifications	CE

Environmental

Ambient air temperature for operation	0…40 °C
Relative humidity	0…95 %
Operating altitude	0...10000 ft
Ambient air temperature for storage	-15…40 °C
Storage Relative Humidity	0…95 %
Storage altitude	0.0000000000…9144.0000000000 m
Acoustic level	45 dBA

Communications & Management

control panel	LED status display with load and battery bar-graphs and on line : on battery : replace battery : and overload indicators
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

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	29 cm
Package 1 Width	34.5 cm
Package 1 Length	20.5 cm
Package 1 Weight	6.7 kg
SCC14	10731304315183

Contractual warranty

Warranty	2 years repair or replace

Sustainability

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium ›

Guide to assess a product's sustainability ›

Energy Efficient   Take-back   Transparency   RoHS/REACh

Resource performance

✓ Energy Efficient Product

✓ Take-Back Program Available

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation   REACh Declaration

Eu Rohs Directive   Compliant with Exemptions

Environmental Disclosure   Product Environmental Profile

Circularity Profile   End of Life Information