

# Product datasheet

Specifications



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

BX800LI-MS

! To be discontinued on: 31 October 2023

! To be end-of-service on: 06 February 2025

! Discontinued - Service only

### 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	1.22 m
Number of cables	1
Battery type	Lead-acid battery

### 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

### 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
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## 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 sine wave
Maximum configurable power in VA	800 VA
Transfer time	4 ms typical : 6 ms maximum


## Conformance

Product certifications	CE
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## 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	0.00...9144.00 m
Acoustic level	45 dBA

## Batteries & Runtime

Number of battery filled slots	1
Number of battery free slots	0
Battery recharge time	6 h
Battery charger power	13 W rated
Battery power in VAh	81 VAh runtime
Battery life	2...4 year(s)
Replacement battery	<a href="#">APCRBC110</a> 
Extended runtime	0

## 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
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## 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

## Offer Sustainability

REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

## Contractual warranty

Warranty	2 years repair or replace
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## Recommended replacement(s)

BX800LI-MS is replaced by:

1x



APC Easy UPS BVX 900VA, 230V, AVR, Universal Sockets  
BVX900LI-MS