

Product data sheet

Specifications



APC Back-UPS 800VA, 120V, AVR, LAM

BX800L-LM

⚠ Discontinued on: May 14, 2024

⚠ Discontinued

Overview

Lead time Usually in Stock

Main

Main Input Voltage	120 V
Rated power in W	400 W
Rated power in VA	800 VA
Input Connection Type	NEMA
output connection type	4 NEMA 5-15R
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
Battery charger power	14 W rated
Battery life	2...4 year(s)
Replacement battery	APCRBC110 ↗
Extended runtime	0

General

Provided equipment	installation guide user manual
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

Physical

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

Colour	Black
Height	14.1 cm
Width	10.1 cm
Depth	30 cm
net weight	4.9 kg
Mounting preference	No preference
mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No

Input

Network frequency	60 Hz +/- 5 Hz
Input voltage limits	80...138 V line to neutral
Maximum input current	7 A
Switching current capacity	11 A
Input Power Factor at Full Load	0.5

Output

Maximum configurable power in W	400 W
Output frequency	60 Hz +/- 3 Hz sync to mains
UPS type	Line interactive
Wave type	Stepped approximation to a sinewave
Maximum configurable power in VA	800 VA
Transfer time	6 ms typical : 10 ms maximum

Conformance

Product certifications	cTUVus NOM
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Environmental

Ambient air temperature for operation	0...40 °C
Relative humidity	0...95 %
Operating altitude	0...2000 ft
Ambient air temperature for storage	-20...50 °C
Storage Relative Humidity	0...95 %
Storage altitude	0.0000000000...4572.0000000000 m
Acoustic level	40 dBA

Communications & Management

control panel	LED Status display with on line : on battery
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

Surge Protection and Filtering

Surge energy rate	160 J
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	22.3 cm
Package 1 Width	34.7 cm
Package 1 Length	14.3 cm
Package 1 Weight	5.1 kg
SCC14	40731304323196

Contractual warranty

Warranty	2 years repair or replace
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Sustainability

Green Premium™ 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-CO₂ 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](#)

Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile [End of Life Information](#)