Product data sheet

Specifications

APC

Green Premium™

APC Back-UPS 850, Compact Tower, 850VA, 120V, AVR, LCD, 8 NEMA outlets (4 surge)

BX850M

Overview

Lead time	Usually in Stock

Main

Main Input Voltage	120 V
Main Output Voltage	120 V
Rated power in W	510 W
Rated power in VA	850 VA
product or component type	Uninterruptible power supply (UPS)
Input Connection Type	NEMA
output connection type	4 NEMA 5-15R 4 NEMA 5-15R surge
Cable length	6 ft (1.8 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	12 h
Number of battery replacement quantity	1
Battery charger power	7 W rated
Battery life	3…5 year(s)
Replacement battery	RBC17 ↗
Extended runtime	0

General

Provided equipment	user manual USB cable
Number of power module free slots	0
Number of power module filled slots	0

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Redundant	No

Physical

Colour	Black
Height	7.5 in (19 cm)
Width	3.6 in (9.1 cm)
Depth	12.2 in (31 cm)
net weight	15.0 lb(US) (6.8 kg)
Mounting preference	No preference
mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No

Input

Network frequency	60 Hz +/- 3 Hz
Input voltage limits	88...139 V
Maximum input current	12 A
Switching current capacity	15 A

Output

Maximum configurable power in W	510 W
Output frequency	60 Hz sync to mains
UPS type	Line interactive
Wave type	Stepped approximation to a sinewave
Maximum output current	15 A
Maximum configurable power in VA	850 VA
Transfer time	8 ms typical : 10 ms maximum

Conformance

Product certifications	California Energy Commission (CEC) ENERGY STAR V2.0 (USA) TUV C-US certified
Equipment protection policy	Lifetime : $250000

Environmental

Ambient air temperature for operation	32.0000000000…104.0000000000 °F (0…40 °C)
Relative humidity	0…95 %
Operating altitude	0...10000 ft
Ambient air temperature for storage	5.0000000000…113.0000000000 °F (-15…45 °C)
Storage Relative Humidity	0…95 %
Storage altitude	0…50000 ft (0.0000000000…15240.0000000000 m)
Acoustic level	45 dBA
heat dissipation	48.5 Btu/h

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Communications & Management

control panel	Multifunction LCD status and control console
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

Surge Protection and Filtering

Surge energy rate	1103 J
Noise suppression	Full time multi-pole noise filtering : 5% of IEEE surge let-through : zero clamping response time: instantaneous
Data line protection	Coaxial cable for CATV/SATV/modem/audio-video

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10.0 in (25.3 cm)
Package 1 Width	17.4 in (44.2 cm)
Package 1 Length	5.6 in (14.2 cm)
Package 1 Weight	16.8 lb(US) (7.6 kg)
SCC14	10731304331794
Pallet layers	3

Contractual warranty

Warranty	3 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

Environmental Certifications

✓ Energy Star®   ENERGY STAR UPS V2.0 (USA)

Certifications & Standards

Reach Regulation   REACh Declaration

Eu Rohs Directive   Compliant with Exemptions

Environmental Disclosure   Product Environmental Profile

Circularity Profile   End of Life Information