Product data sheet

Specifications

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
Kw Rating	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
Included Battery Modules	0
Battery Slots Empty	0
Typical recharge time	12 h
RBC Quantity	1
Battery Charge Power (Watts)	7 W rated
Battery life	3…5 year(s)
Replacement battery	RBC17
Extendable Run Time	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

color	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

Input Frequency	60 Hz +/- 3 Hz
Efficiency at full load	88...139 V
Maximum Input Current per Phase	12 A
Switching current capacity	15 A

Output

Max Configurable Power (Watts)	510 W
Output Frequency (sync to mains)	60 Hz sync to mains
Topology	Line Interactive
Waveform Type	Stepped approximation to a sinewave
Maximum output current	15 A
Maximum configurable power in VA	850 VA
Transfer Time	8ms typical : 10 ms maximum

Conformance

Product Certifications	California (CEC) Battery Charger 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
Online Thermal Dissipation	48.5 Btu/h

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Communications & Management

Control panel	Multi-function LCD status and control console
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

Surge Protection and Filtering

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

Ordering and shipping details

GTIN	731304331797

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.

Learn more about Green Premium ›

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
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov