

Product data sheet

Specifications



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 AC 1 phase

Input Connection Type NEMA 5-15P

Maximum Input Current per Phase 12 A

Switching current capacity 15 A

Plug standard NEMA 5-15P

Efficiency at full load 88...139 V

Input Frequency 60 Hz +/- 3 Hz

Output voltage 120 V AC 1 phase

Rated power in W 510 W

rated power in VA 850 VA

output connection type 4 NEMA 5-15R
4 NEMA 5-15R surge

USB Charging Port None

Maximum configurable power in VA 850 VA

Max Configurable Power (Watts) 510 W

Maximum output current 15 A

Transfer Time 8ms typical : 10 ms maximum

Topology Line Interactive

Waveform Type Stepped approximation to a sinewave

Output frequency 60 Hz sync to mains

Replacement battery [RBC17](#)

Graphs

Run Time [View Runtime Graph](#)

Efficiency [View Efficiency Graph](#)

Complementary

Battery Size Lead-acid internal included

Control panel Multi-function LCD status and control console

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
UPS connectivity	USB port
Data line protection	Coaxial cable for CATV/SATV/modem/audio-video
Surge energy rating	1103 J
Filtering	Full time multi-pole noise filtering :5% of IEEE surge let-through : zero clamping response time: in
Cable length	6 ft (1.8 m)
Number of cables	1
color	Black
Height	7.5 in (190 mm)
Width	3.6 in (91 mm)
Depth	12.2 in (310 mm)
Product Weight	15.0 lb(US) (6.8 kg)
Mounting preference	No preference
Mounting Mode	Not rack-mountable
Two post mountable	0
USB compatible	Yes
Mounting mode	Tower
Number of power module filled slots	0
Number of power module free slots	0
Redundant	No
Range of Product	Back-UPS Pro
Product or Component Type	Uninterruptible power supply (UPS)

Environment

Product Certifications	California (CEC) Battery Charger ENERGY STAR V2.0 (USA) TUV C-US certified
Equipment protection policy	Lifetime : \$250000
Ambient Air Temperature for Operation	32...104 °F (0...40 °C)
Ambient Air Temperature for Storage	5...113 °F (-15...45 °C)
Storage altitude	0...50000 ft (0...15240 m)
Relative Humidity	0...95 %
Storage Relative Humidity	0...95 %
Acoustic level	45 dBA
Online Thermal Dissipation	48.5 Btu/h
Operating altitude	0...10000 ft

Batteries & Runtime

Battery Type	Lead-Acid battery
Extendable Run Time	0

Included Battery Modules	0
Battery Slots Empty	0
Typical recharge time	12 h
RBC Quantity	1
Battery Life	3...5 year(s)
Battery Charge Power (Watts)	7 W rated

Ordering and shipping details

GTIN 731304331797

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	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 weight(Lbs)	16.8 lb(US) (7.6 kg)
SCC14	10731304331794
Pallet layers	3

Contractual warranty

Warranty (in months) 12 Battery|36 UPS



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	271 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	73 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.8 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	196 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.7 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	50414655-abe7-48e2-9b8c-578e40cce4a8
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
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



Energy efficiency

Optimized Energy Efficiency	Energy efficient product
ENERGY STAR®	ENERGY STAR UPS V2.0 (USA)

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	62
Circularity Profile	End of Life Information

Removable battery

User replaceable

Take-back

Yes

WEEE Label



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

Technical Illustration

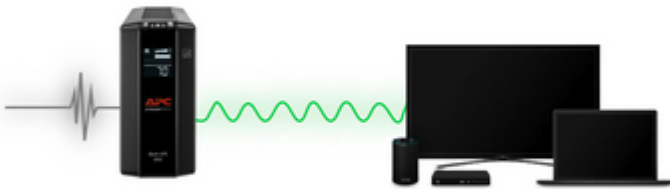
Dimensions



Offer Marketing Illustration

Product benefits / Features

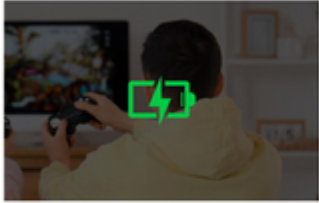
Complete power protection for every day



APC Back-UPS automatically corrects voltage levels to deliver **clean, consistent power, 24/7** so your devices **perform better, last longer and stay connected** during power outages.

Offer Marketing Illustration

Product benefits / Features



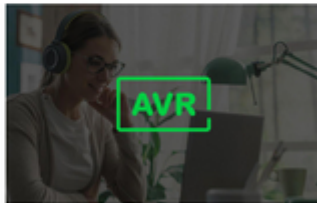
850VA / 510W Battery Backup



Audible Alarms with Quick Mute



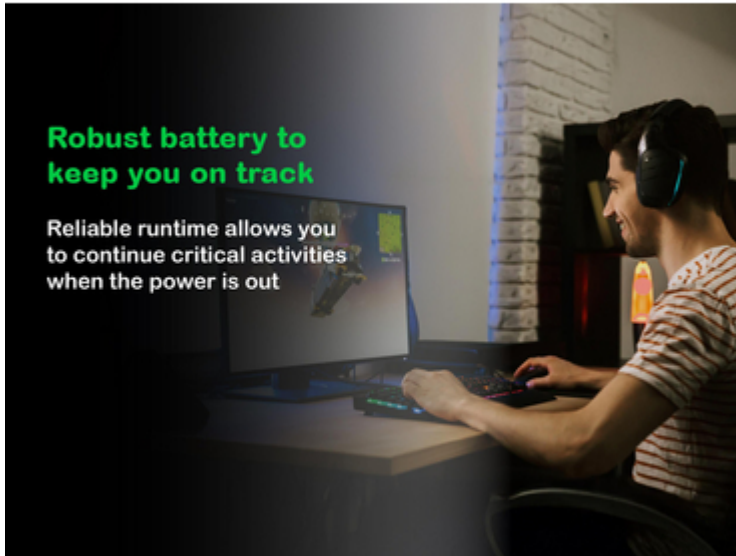
User Replaceable Battery



AVR for voltage corrections

Offer Marketing Illustration

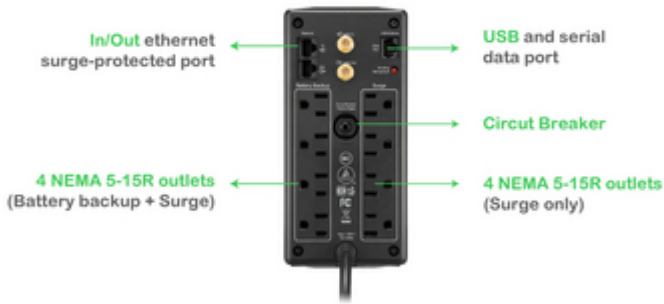
Product benefits / Features



Offer Marketing Illustration

Product benefits / Features

Communication ports and outlets



Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features

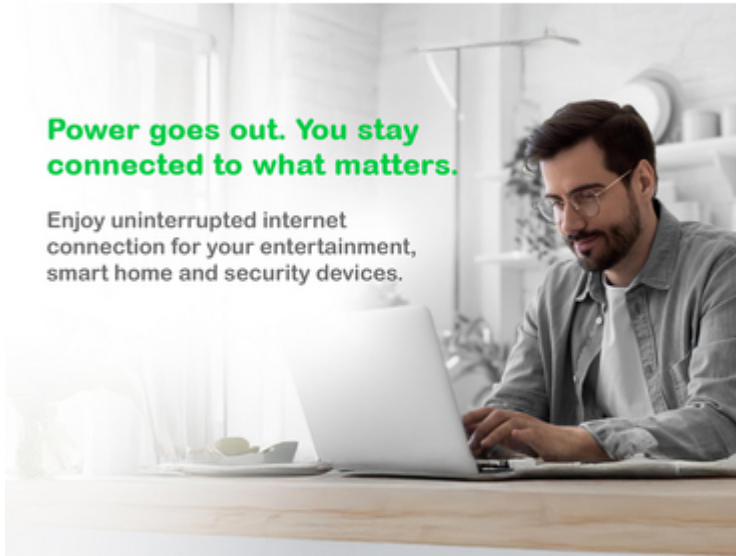


Image of product / Alternate images

Alternative



