

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
Main Output Voltage	120 V
Kw Rating	510 W
Rated power in VA	850 VA
Input Connection Type	NEMA
Output connection type	4 NEMA 5-15R 4 NEMA 5-15R surge
Cable length	6 ft (1.83 m)
Number of cables	1
Battery type	Lead-Acid battery

Batteries & Runtime

Included Battery Modules	0
Battery Slots Empty	0
Typical recharge time	12 h
RBC Quantity	1
Battery Charge Power (Watts)	7 W rated
Battery power in VAh	89 VAh runtime
Battery Life	3...5 year(s)
Replacement battery	BATT17-1209
	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
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Physical

Color	Black
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Height	7.48 in (19 cm)
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Width	3.58 in (9.1 cm)
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Depth	12.20 in (31 cm)
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Net Weight	14.99 lb(US) (6.8 kg)
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Mounting preference	No preference
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Mounting Mode	Not rack-mountable
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Two post mountable	0
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USB compatible	No
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Input

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

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

Product Certifications	California (CEC) Battery Charger ENERGY STAR V2.0 (USA) TUV C-US certified
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Equipment protection policy	Lifetime : \$250000
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Environmental

Ambient air temperature for operation	32...104 °F (0...40 °C)
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Relative Humidity	0...95 %
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Operating altitude	0...10000 ft
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Ambient Air Temperature for Storage	5...113 °F (-15...45 °C)
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Storage Relative Humidity	0...95 %
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Storage altitude	0...50000 ft (0.00...15240.00 m)
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Acoustic level	45 dBA
Heat dissipation	48.5 Btu/h

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
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.96 in (25.3 cm)
Package 1 Width	17.40 in (44.2 cm)
Package 1 Length	5.59 in (14.2 cm)
Package 1 Weight	16.76 lb(US) (7.6 kg)
SCC14	10731304331794
Pallet layers	3

Offer Sustainability

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 STAR®	ENERGY STAR UPS V2.0 (USA) 
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

Contractual warranty

Warranty	3 years repair or replace
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Recommended replacement(s)