

# Product data sheet

Specifications



## APC Back-UPS 850VA, 120V, 2 USB charging ports

BE850M2

! Discontinued on: 01 June 2021

! End-of-service on: 12 November 2022

! Discontinued

### Overview

Lead time Usually in Stock

### Main

Main Input Voltage	120 V
Main Output Voltage	120 V
Kw Rating	450 W
Rated power in VA	850 VA
Plug standard	NEMA 5-15P
Output connection type	6 NEMA 5-15R 3 NEMA 5-15R surge
Cable length	5 ft (1.52 m)
Number of cables	1
Battery Type	Lead-Acid battery
Provided equipment	User Manual USB cable

### General

Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

### Physical

Color	Black
Height	5.47 in (13.9 cm)
Width	12.87 in (32.7 cm)
Depth	4.13 in (10.5 cm)
Net Weight	9.04 lb(US) (4.1 kg)
Mounting preference	No preference
Mounting Mode	Not rack-mountable

Two post mountable	0
--------------------	---

USB compatible	No
----------------	----

## Input

Input Frequency	50/60 Hz +/- 3 Hz auto-sensing
-----------------	--------------------------------

Efficiency at full load	92...139 V
-------------------------	------------

## Output

Max Configurable Power (Watts)	450 W
--------------------------------	-------

Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz sync to mains
----------------------------------	---------------------------------

Topology	Standby
----------	---------

Waveform Type	Stepped approximation to a sinewave
---------------	-------------------------------------

Maximum configurable power in VA	850 VA
----------------------------------	--------

Transfer Time	6ms typical : 10ms maximum
---------------	----------------------------

## Conformance

Product Certifications	California (CEC) Battery Charger cTUVus
------------------------	--

Equipment protection policy	Lifetime : \$75000
-----------------------------	--------------------

## Environmental

Ambient air temperature for operation	32...104 °F (0...40 °C)
---------------------------------------	-------------------------

Relative Humidity	0...95 % non-condensing
-------------------	-------------------------

Operating altitude	0...10000 ft
--------------------	--------------

Ambient Air Temperature for Storage	5...113 °F (-15...45 °C)
-------------------------------------	--------------------------

Storage Relative Humidity	10...90 %
---------------------------	-----------

Storage altitude	0...50000 ft (0.00...15240.00 m)
------------------	----------------------------------

Acoustic level	45 dBA
----------------	--------

## Batteries & Runtime

Included Battery Modules	0
--------------------------	---

Battery Slots Empty	0
---------------------	---

Typical recharge time	8 h
-----------------------	-----

Battery Charge Power (Watts)	13 W rated
------------------------------	------------

Battery power in VAh	102 VAh capacity 104 VAh runtime
----------------------	-------------------------------------

Battery life	2...5 year(s)
--------------	---------------

Replacement battery	<a href="#">RBC17</a> 
---------------------	---

Battery graph comments	This graph is based on actual measured runtime data. All measurements were taken with new, fully charged batteries and a balanced resistive load (PF = 1.0). Actual runtimes may vary from the values of this graph. Actual runtimes are dependent on several variables including battery age, battery charge level, environmental conditions and characteristics of the connected load.
------------------------	--

Extendable Run Time	0
---------------------	---

## Communications & Management

Control panel	LED status display with On Line : On Battery : Replace Battery and Building Wiring Fault
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

## Surge Protection and Filtering

Surge energy rating	354 J
---------------------	-------

## Ordering and shipping details

Category	11309 - APC RESALE PRODUCTS
GTIN	731304325260
Returnability	No

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.72 in (19.6 cm)
Package 1 Width	6.61 in (16.8 cm)
Package 1 Length	16.38 in (41.6 cm)
Package 1 Weight	9.70 lb(US) (4.4 kg)
SCC14	10731304325267
Pallet unit layers	16
Pallet layers	5

## Offer Sustainability

Sustainable offer status	Green Premium product
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

## Contractual warranty

Warranty	3 years repair or replace
----------	---------------------------

## Recommended replacement(s)