

Product data sheet

Specifications



APC Back-UPS 850VA, 120V, 2 USB charging ports, 9 NEMA outlets (3 surge)

BE850G2

Overview

Lead time Usually in Stock

Main

| | |
|------------------------|------------------------------------|
| Main Input Voltage | 120 V |
| Main Output Voltage | 120 V |
| Rated power in W | 450 W |
| Rated power in VA | 850 VA |
| Input Connection Type | 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

| | |
|---------------------|----------------------|
| Colour | 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

| | |
|----------------------|--------------------------------|
| Network frequency | 50/60 Hz +/- 3 Hz auto-sensing |
| Input voltage limits | 92...139 V |

Output

| | |
|----------------------------------|-------------------------------------|
| Maximum configurable power in W | 450 W |
| Output frequency | 50/60 Hz +/- 3 Hz sync to mains |
| UPS type | Standby |
| Wave type | Stepped approximation to a sinewave |
| Maximum configurable power in VA | 850 VA |
| Transfer time | 6 ms typical : 10 ms maximum |


Conformance

| | |
|-----------------------------|--|
| Product certifications | California Energy Commission (CEC) cTUVus |
| Equipment protection policy | Lifetime : \$75000 |

Environmental

| | |
|---------------------------------------|----------------------------------|
| Ambient air temperature for operation | 32...104 °F (0...40 °C) |
| Relative humidity | 0...95 % |
| 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 |
| Heat dissipation | 19.249 Btu/h |

Batteries & Runtime

| | |
|--------------------------------|---|
| Number of battery filled slots | 0 |
| Number of battery free slots | 0 |
| Battery recharge time | 8 h |
| Battery charger power | 13 W rated |
| Battery power in VAh | 102 VAh capacity 104 VAh runtime |
| Battery life | 2...5 year(s) |
| Replacement battery | RBC17  |
| 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 v |
| Extended runtime | 0 |

Communications & Management

| | |
|-------|--|
| Alarm | Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm |
|-------|--|

Control panel

LED status display with on line : on battery : replace battery and building wiring fault

Surge Protection and Filtering

Surge energy rate 354 J

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)

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Pallet layers 16

Offer Sustainability

EU RoHS Directive Under investigation

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

Contractual warranty

Warranty 3 years repair or replace

Recommended replacement(s)