

Product data sheet

Specifications

APC



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

BE850G2

Product availability: Non-Stock - Not normally stocked in distribution facility

Overview

Lead time Usually in Stock

Main

| | |
|----------------------------------|-------------------------------------|
| Main Input Voltage | 120 V AC 1 phase |
| Input Connection Type | NEMA 5-15P |
| Efficiency at full load | 92...139 V |
| Input Frequency | 50/60 Hz +/- 3 Hz auto-sensing |
| Output voltage | 120 V AC 1 phase |
| Rated power in W | 450 W |
| rated power in VA | 850 VA |
| output connection type | 6 NEMA 5-15R 3 NEMA 5-15R surge |
| USB Charging Port | USB type A + C |
| Maximum configurable power in VA | 850 VA |
| Max Configurable Power (Watts) | 450 W |
| Transfer Time | 6ms typical : 10ms maximum |
| Topology | Standby |
| Waveform Type | Stepped approximation to a sinewave |
| Output Frequency (sync to mains) | 50/60 Hz +/- 3 Hz sync to mains |

Complementary

| | |
|---------------------|--|
| Battery Size | Lead-acid internal included |
| 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 |
| UPS connectivity | USB port |
| Surge energy rating | 354 J |
| Cable length | 5 ft (1.5 m) |
| Number of cables | 1 |
| color | Black |
| Height | 5.5 in (139 mm) |
| Width | 12.9 in (327 mm) |




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

| | |
|-------------------------------------|------------------------------------|
| Depth | 4.1 in (105 mm) |
| Net Weight | 9.04 lb(US) (4.1 kg) |
| Mounting preference | No preference |
| Mounting Mode | Not rack-mountable |
| Two post mountable | 0 |
| USB compatible | Yes |
| Mounting mode | Tower |
| Provided equipment | User Manual USB cable |
| Number of power module filled slots | 0 |
| Number of power module free slots | 0 |
| Redundant | No |
| Range of Product | Back-UPS |
| Product or Component Type | Uninterruptible power supply (UPS) |

Environment

| | |
|---------------------------------------|--|
| Product Certifications | California (CEC) Battery Charger cTUVus |
| 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...5000 ft (0...1524 m) |
| Relative Humidity | 0...95 % |
| Storage Relative Humidity | 10...90 % |
| Acoustic level | 45 dBA |
| Online Thermal Dissipation | 19.249 Btu/h |
| Operating altitude | 0...3000 ft |

Batteries & Runtime

| | |
|------------------------------|--|
| Run Time | View Runtime Graph  |
| Efficiency | View Efficiency Graph  |
| Battery Type | Lead-Acid battery |
| 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 |
| Included Battery Modules | 0 |
| Battery Slots Empty | 0 |
| Typical recharge time | 8 h |
| Battery life | 2...5 year(s) |
| Replacement battery | RBC17  |
| Battery Charge Power (Watts) | 13 W rated |

Ordering and shipping details

| | |
|-------------------|---------------------------|
| Category | 11309-APC RESALE PRODUCTS |
| Discount Schedule | APC1 |
| GTIN | 731304413592 |
| Returnability | No |
| Country of origin | PH |

Packing Units

| | |
|------------------------|---------------------|
| Unit Type of Package 1 | PCE |
| Nbr. of units in pkg. | 1 |
| Package 1 Height | 7.7 in (19.6 cm) |
| Package 1 Width | 6.6 in (16.8 cm) |
| Package 1 Length | 16.4 in (41.6 cm) |
| Package weight(Lbs) | 9.7 lb(US) (4.4 kg) |
| SCC14 | 10731304413599 |
| Pallet layers | 16 |

Contractual warranty

| | |
|----------------------|-------------------|
| Warranty (in months) | 36 UPS 12 Battery |
|----------------------|-------------------|



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 157 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

[EU RoHS Directive](#) Compliant with Exemptions

SCIP Number D7202d15-7cd4-470e-bd06-f47695f20bd8

REACH Regulation [REACH Declaration](#)

Energy efficiency

Optimized Energy Efficiency Energy efficient product

Use Longer

Lifetime extension

Repair No

Use Again

Repack and remanufacture

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



Offer Marketing Illustration

Product benefits / Features



Robust battery to keep you on track

Reliable runtime allows you to continue digital activities when the power is out.

Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features

Power certainty in a connected world



APC Back-UPS provide consistent, clean power to your electronics

so your devices perform better, last longer and stay connected during power outages.

Offer Marketing Illustration

Product benefits / Features



Power goes out. You stay connected to what matters

Enjoy uninterrupted internet connection for your entertainment, smart home and security devices.

Offer Marketing Illustration

Product benefits / Features



The image is a marketing illustration for the APC Back-UPS BE850G2. It features a black, rectangular UPS unit with a control panel on the front. The background is light gray with a subtle grid pattern. The text and icons are arranged as follows:

- Top Left:** "Life Is On | Schneider Electric" logo.
- Top Left:** "APC" logo in red.
- Center Left:** "APC Back-UPS" in green.
- Center Left:** "Reliable battery backup to keep you connected during prolonged power outages" in black.
- Top Right:** A 3D perspective view of the black APC Back-UPS BE850G2 unit.
- Bottom Row:** Five circular icons with corresponding text below them:
 - Icon: Battery with lightning bolt. Text: "Long battery runtime".
 - Icon: Shield with lightning bolt. Text: "Reliable surge protection".
 - Icon: Power outlet. Text: "9 outlets".
 - Icon: Leaf. Text: "Lightweight design".
 - Icon: USB symbol. Text: "2 USB Charging Port".

Image of product / Alternate images

Alternative

