# Product data sheet

Specifications

Green Premium™

## APC Back-UPS 650VA, 120V, 8 NEMA outlets (4 surge)

BE650G1

## Overview

| | |
|---|---|
| **Lead time** | Usually in Stock |

## Main

| | |
|---|---|
| **Main Input Voltage** | 120 V |
| **Main Output Voltage** | 120 V |
| **Kw Rating** | 390 W |
| **Rated power in VA** | 650 VA |
| **Input Connection Type** | NEMA 5-15P |
| **Output connection type** | 4 NEMA 5-15R<br>4 NEMA 5-15R surge |
| **Cable length** | 5 ft (1.52 m) |
| **Number of cables** | 1 |
| **Battery Type** | Lead-Acid battery |
| **Provided equipment** | User Manual<br>USB cable |

## General

| | |
|---|---|
| **Max runtime** | 62 min |
| **Number of power module free slots** | 0 |
| **Number of power module filled slots** | 0 |
| **Redundant** | No |

## Physical

| | |
|---|---|
| **Color** | Black |
| **Height** | 3.46 in (8.8 cm) |
| **Width** | 7.09 in (18 cm) |
| **Depth** | 11.89 in (30.2 cm) |
| **Net Weight** | 13.67 lb(US) (6.2 kg) |
| **Mounting preference** | No preference |
| **Mounting Mode** | Not rack-mountable |

| | |
|---|---|
| **Two post mountable** | 0 |
| **USB compatible** | Yes |

## Input

| | |
|---|---|
| **Input Frequency** | 60 Hz +/- 3 Hz |
| **Efficiency at full load** | 90...140 V |
| **Maximum Input Current per Phase** | 12 A |

## Output

| | |
|---|---|
| **Max Configurable Power (Watts)** | 390 W |
| **Output frequency** | 60 Hz +/- 3 Hz sync to mains |
| **Topology** | Standby |
| **Waveform Type** | Stepped approximation to a sinewave |
| **Maximum output current** | 12 A |
| **Maximum configurable power in VA** | 650 VA |
| **Transfer Time** | 8ms typical : 12ms maximum |

## Conformance

| | |
|---|---|
| **Product Certifications** | California (CEC) Battery Charger<br>ENERGY STAR V2.0 (USA)<br>NOM<br>TÜV-C |
| **Equipment protection policy** | Lifetime : $75000 |

## Environmental

| | |
|---|---|
| **Ambient Air Temperature for Operation** | 32…104 °F (0…40 °C) |
| **Relative Humidity** | 5…95 % |
| **Operating altitude** | 0...10000 ft |
| **Ambient Air Temperature for Storage** | 5…113 °F (-15…45 °C) |
| **Storage Relative Humidity** | 5…95 % |
| **Storage altitude** | 0…50000 ft (0.00…15240.00 m) |
| **Acoustic level** | 45 dBA |

## Batteries & Runtime

| | |
|---|---|
| **Typical recharge time** | 24 h |
| **RBC Quantity** | 1 |
| **Battery Voltage** | 12 V |
| **Battery Capacity** | 9.0 Ah |
| **Battery Charge Power (Watts)** | 3 W rated |
| **Battery power in VAH** | 79 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 |

Life Is On | **APC** by Schneider Electric

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 |

## Surge Protection and Filtering

| | |
|---|---|
| **Surge energy rating** | 340 J |
| **Filtering** | Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : mee |
| **Let Through Voltage Rating** | 330 V |

## Ordering and shipping details

| | |
|---|---|
| **Category** | 11309 - APC RESALE PRODUCTS |
| **GTIN** | 731304285434 |
| **Returnability** | No |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Number of Units in Package 1** | 1 |
| **Package 1 Height** | 5.04 in (12.8 cm) |
| **Package 1 Width** | 15.47 in (39.3 cm) |
| **Package 1 Length** | 9.25 in (23.5 cm) |
| **Package 1 Weight** | 15.43 lb(US) (7 kg) |
| **SCC14** | 10731304285431 |
| **Pallet unit layers** | 20 |
| **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 www.P65Warnings.ca.gov |
| **ENERGY STAR®** | ENERGY STAR UPS V2.0 (USA) |
| **REACh Regulation** | REACh Declaration |
| **EU RoHS Directive** | Compliant<br>EU RoHS Declaration |
| **Mercury free** | Yes |
| **RoHS exemption information** | Yes |
| **Environmental Disclosure** | Product Environmental Profile |
| **Circularity Profile** | End of Life Information |
| **Optimized Energy Efficiency** | Energy efficient product |
| **Take-back** | Take-back program available |

## Contractual warranty

| | |
|---|---|
| **Warranty** | 3 years repair or replace |

**Recommended replacement(s)**