

# Product data sheet

Specifications



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

BE650G1-CN

### Overview

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

### Main

|                                  |                                     |
|----------------------------------|-------------------------------------|
| Main Input Voltage               | 120 V AC 1 phase                    |
| Input Connection Type            | NEMA 5-15P                          |
| Maximum input current            | 12 A                                |
| Input voltage limits             | 90...140 V                          |
| Network frequency                | 60 Hz +/- 3 Hz                      |
| Output voltage                   | 120 V AC 1 phase                    |
| Rated power in W                 | 390 W                               |
| rated power in VA                | 650 VA                              |
| Output connection type           | 4 NEMA 5-15R<br>4 NEMA 5-15R surge  |
| USB Charging Port                | None                                |
| Maximum configurable power in VA | 650 VA                              |
| Maximum configurable power in W  | 390 W                               |
| Maximum output current           | 12 A                                |
| Transfer time                    | 8 ms typical : 12 ms maximum        |
| UPS type                         | Standby                             |
| Wave type                        | Stepped approximation to a sinewave |
| Output frequency                 | 60 Hz +/- 3 Hz sync to mains        |

### Complementary

|                            |                                                                                                                |
|----------------------------|----------------------------------------------------------------------------------------------------------------|
| Battery type               | Lead-acid internal included                                                                                    |
| Control panel              | LED status display with on line : on battery : replace battery and building wiring fault                       |
| UPS connectivity           | USB port                                                                                                       |
| Let through voltage rating | 330 V                                                                                                          |
| Surge energy rate          | 340 J                                                                                                          |
| Noise suppression          | Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : meets UL 1449 |
| Cable length               | 5 ft (1.5 m)                                                                                                   |
| Number of cables           | 1                                                                                                              |
| Colour                     | Black                                                                                                          |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                                     |                                    |
|-------------------------------------|------------------------------------|
| Height                              | 3.5 in (88 mm)                     |
| Width                               | 7.09 in (180 mm)                   |
| Depth                               | 11.9 in (302 mm)                   |
| Net weight                          | 13.7 lb(US) (6.2 kg)               |
| Mounting preference                 | No preference                      |
| Mounting mode                       | Not rack-mountable                 |
| Two post mountable                  | 0                                  |
| USB compatible                      | Yes                                |
| Mounting mode                       | Tower                              |
| Provided equipment                  | User manual<br>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 Energy Commission (CEC)<br>ENERGY STAR V2.0 (USA)<br>NOM<br>TÜV-C |
| 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...50000 ft (0...15240 m)                                                   |
| Relative humidity                     | 5...95 %                                                                     |
| Storage Relative Humidity             | 5...95 %                                                                     |
| Acoustic level                        | 45 dBA                                                                       |
| Operating altitude                    | 0...10000 ft                                                                 |

## Batteries & Runtime

|                                        |                                                                                                                                                                                                                                                                 |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Run Time                               | <a href="#">View Runtime Graph</a>                                                                                                                                           |
| Efficiency                             | <a href="#">View Efficiency Graph</a>                                                                                                                                        |
| 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 v |
| Extended runtime                       | 0                                                                                                                                                                                                                                                               |
| Number of battery free slots           | 0                                                                                                                                                                                                                                                               |
| Battery recharge time                  | 24 h                                                                                                                                                                                                                                                            |
| Number of battery replacement quantity | 1                                                                                                                                                                                                                                                               |
| Battery life                           | 2...5 year(s)                                                                                                                                                                                                                                                   |
| Battery charger power                  | 3 W rated                                                                                                                                                                                                                                                       |

## 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              | 15.5 in (39.3 cm)  |
| Package 1 Length             | 9.3 in (23.5 cm)   |
| Package 1 Weight             | 15.4 lb(US) (7 kg) |
| SCC14                        | 10731304286797     |
| Pallet unit layers           | 20                 |
| Pallet layers                | 5                  |

## 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                       | 249 kg CO2 eq.                                |
| Carbon footprint of the manufacturing phase [A1 to A3] | 67 kg CO2 eq.                                 |
| Carbon footprint of the distribution phase [A4]        | 0.7 kg CO2 eq.                                |
| Carbon footprint of the installation phase [A5]        | 0 kg CO2 eq.                                  |
| Carbon footprint of the use phase [B2, B3, B4, B6]     | 181 kg CO2 eq.                                |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 0.6 kg CO2 eq.                                |
| Environmental Disclosure                               | <a href="#">Product Environmental Profile</a> |

## Use Better



### Materials and Substances

|                                        |    |
|----------------------------------------|----|
| Packaging made with recycled cardboard | No |
| Packaging without single use plastic   | No |



### Energy efficiency

|                             |                            |
|-----------------------------|----------------------------|
| Optimized Energy Efficiency | Energy efficient product   |
| ENERGY STAR®                | ENERGY STAR UPS V2.0 (USA) |

## Use Longer



### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again



### Repack and remanufacture

|                               |                                         |
|-------------------------------|-----------------------------------------|
| Recyclability potential, in % | 62                                      |
| Circularity Profile           | <a href="#">End of Life Information</a> |
| Removable battery             | User replaceable                        |
| Take-back                     | Yes                                     |

Image of product / Alternate images

Alternative

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