# Product datasheet

Specifications



## APC Back-UPS, 1600VA, Tower, 230V, 6x IEC C13 outlets, AVR

BXR1600MI

## Main

| | |
|---|---|
| **Main Input Voltage** | 230 V AC 1 phase |
| **Main Output Voltage** | 230 V AC 1 phase |
| **Rated power in W** | 900 W |
| **rated power in VA** | 1600 VA |
| **Product or component type** | Uninterruptible power supply (UPS) |
| **Input Connection Type** | IEC 60320 C14 12 A |
| **output connection type** | 6 |
| **Cable length** | 1.2 m |
| **Battery type** | VRLA |
| **Range of product** | Back-UPS |
| **USB Charging Port** | None |
| **Replacement battery** | APCRBC176 |

## Complementary

| | |
|---|---|
| **UPS connectivity** | USB port |
| **Battery type** | Lead-acid internal included |
| **Mounting mode** | Tower |

## Batteries & Runtime

| | |
|---|---|
| **Battery recharge time** | 6 h |
| **Number of battery replacement quantity** | 2 |
| **Battery voltage** | 24 V |
| **Battery capacity** | 7 Ah |
| **Battery charger power** | 28 W rated |
| **Battery design life** | 3…5 year(s) |
| **Battery life** | 3…5 year(s) |
| **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 |

## General

| | |
|---|---|
| **Provided equipment** | 1.2 m |

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

## Physical

| | |
|---|---|
| **Colour** | Black |
| **Height** | 190 mm |
| **Width** | 140 mm |
| **Depth** | 390 mm |
| **Net weight** | 10.8 kg |
| **USB compatible** | Yes |

## Input

| | |
|---|---|
| **Network frequency** | 50/60 Hz +/- 5 Hz auto-sensing |
| **Maximum input current** | 7.9 A |
| **Load power factor** | <=0.6 |

## Output

| | |
|---|---|
| **Maximum configurable power in W** | 900 W |
| **Output frequency** | 50/60 Hz +/- 1 Hz 0 to 100 % load sync to mains |
| **UPS type** | Line interactive |
| **Wave type** | Stepped approximation to a sinewave |
| **Output voltage tolerance** | +/- 10 % |
| **Half load runtime** | 00:06:30 450 W |
| **Maximum configurable power in VA** | 1600 VA |
| **Transfer time** | 6 ms typical : 10 ms maximum |

## Conformance

| | |
|---|---|
| **Product certifications** | CB |
| **Marking** | CE |
| **Standards** | EN/IEC 62040-1:2017 |

## Environmental

| | |
|---|---|
| **Ambient air temperature for operation** | 0…40 °C |
| **Relative humidity** | 0…95 % non-condensing |
| **Operating altitude** | 0...3000 m |
| **Storage Relative Humidity** | 0…95 % non-condensing |
| **Storage altitude** | 0…3000 m |
| **Acoustic level** | 40 dBA |
| **IP degree of protection** | IP20 conforming to IEC 60529 |

## Communications & Management

| | |
|---|---|
| **Control panel** | LED Status display with on line : on battery |

## Surge Protection and Filtering

| | |
|---|---|
| **Surge energy rate** | 273 J |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Number of Units in Package 1** | 1 |
| **Package 1 Height** | 30.8 cm |
| **Package 1 Width** | 23.5 cm |
| **Package 1 Length** | 49.5 cm |
| **Package 1 Weight** | 12.6 kg |
| **Unit Type of Package 2** | PAM |
| **Number of Units in Package 2** | 60 |
| **Package 2 Height** | 209.000 cm |
| **Package 2 Width** | 100.000 cm |
| **Package 2 Length** | 120.000 cm |
| **Package 2 Weight** | 769.000 kg |
| **SCC14** | 10731304795039 |

## Contractual warranty

| | |
|---|---|
| **Warranty (in months)** | 24 |

## 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 | **610 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **135 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **11 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **3 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **433 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **28 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, we have minimized the use of plastic in the packaging in compliance with regulations and considering quality and safety standards** |
| EU RoHS Directive | Compliant By Exemption |
| REACh Regulation | Reference contains Substances of Very High Concern above the threshold |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **38** |
| End of life manual availability | End of Life Information |
| Removable battery | **User replaceable** |

Image of product / Alternate images

**Alternative**






APC


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