

# Product datasheet

Specifications

**APC**

Green  
Premium™



APC Back-UPS Pro, 1600VA/960W, Tower, 230V, 8x IEC C13 outlets, Sine Wave, AVR, USB Type A + C ports, LCD, User Replaceable Battery

BR1600SI

## Overview

Lead time Usually in Stock

## Main

|                        |  |
|------------------------|--|
| Main Input Voltage     | 230 V                                    |
| Rated power in W       | 960 W                                    |
| Rated power in VA      | 1600 VA                                  |
| Output connection type | 6 IEC 60320 C13<br>2 IEC 60320 C13 surge |
| Battery type           | Lead-acid battery                        |

## General

Provided equipment user manual  
USB cable

Number of power module free slots 0

Number of power module filled slots 0

Redundant No

## Physical

Colour Black

Height 26 cm

Width 10 cm

Depth 36.8 cm

Net weight 12.1 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       | 176...294 V                    |
| Maximum input current      | 10 A                           |
| Switching current capacity | 10 A                           |

## Output

|                                  |                                 |
|----------------------------------|---------------------------------|
| Maximum configurable power in W  | 960 W                           |
| Output frequency                 | 50/60 Hz +/- 1 Hz sync to mains |
| UPS type                         | Line interactive                |
| Maximum configurable power in VA | 1600 VA                         |

## Conformance

|                        |  |
|------------------------|--|
| Product certifications | A-Tick<br>C-Tick<br>CE<br>EAC<br>RCM<br>TISI                                       |
| Marking                | GS Mark  |
| Standards              | EN/IEC 62040-1:2019/A11:2021<br>EN/IEC 62040-2:2006/AC:2006<br>EN/IEC 62040-2:2018 |

## Environmental

|                                       |                         |
|---------------------------------------|-------------------------|
| Ambient air temperature for operation | 0...40 °C               |
| Relative humidity                     | 0...95 % non-condensing |
| Operating altitude                    | 0...10000 ft            |
| Ambient air temperature for storage   | -15...45 °C             |
| Storage Relative Humidity             | 0...95 % non-condensing |
| Storage altitude                      | 0.00...15240.00 m       |
| Acoustic level                        | 45 dBA                  |
| Heat dissipation                      | 19.5 Btu/h              |

## Batteries & Runtime

|  |                 |
|--|-----------------|
| Number of battery filled slots         | 0               |
| Number of battery free slots           | 0               |
| Battery recharge time                  | 16 h            |
| Number of battery replacement quantity | 1               |
| Battery voltage                        | 24 V            |
| Battery capacity                       | 9.4 Ah          |
| Battery charger power                  | 16 W rated      |
| Battery power in VAH                   | 260 VAh runtime |
| Battery life                           | 3...5 year(s)   |

|                     |  |
|---------------------|--|
| Replacement battery | <a href="#">APCRBC163</a>  |
| Extended runtime    | 0  |

## Communications & Management

|               |  |
|---------------|--|
| Control panel | Multifunction LCD status and control console   |
| Alarm         | Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm |

## Surge Protection and Filtering

|                   |   |
|-------------------|---|
| Surge energy rate | 509 J   |
| Noise suppression | Full time multi-pole noise filtering : 10% of IEEE surge let-through : zero clamping response time: instantaneous |

## Packing Units

|                              |                |
|------------------------------|----------------|
| Unit Type of Package 1       | PCE            |
| Number of Units in Package 1 | 1              |
| Package 1 Height             | 35.9 cm        |
| Package 1 Width              | 48.2 cm        |
| Package 1 Length             | 22.3 cm        |
| Package 1 Weight             | 13.75 kg       |
| SCC14                        | 10731304346927 |

## Offer Sustainability

|                             |   |
|-----------------------------|---|
| Sustainable offer status    | Green Premium product   |
| REACH Regulation            | <a href="#">REACH Declaration</a>   |
| EU RoHS Directive           | Compliant<br><a href="#">EU RoHS Declaration</a>  |
| Mercury free                | Yes   |
| China RoHS Regulation       | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information |
| RoHS exemption information  | Yes   |
| Environmental Disclosure    | <a href="#">Product Environmental Profile</a>   |
| Circularity Profile         | <a href="#">End of Life Information</a>   |
| Optimized Energy Efficiency | Energy efficient product  |
| Take-back                   | Take-back program available   |

## Contractual warranty

|          |   |
|----------|---|
| Warranty | 2 years repair or replace, 3 years repair or replace for European Union countries |
|----------|---|

## Recommended replacement(s)