

# Product datasheet

Specifications



## APC Back-UPS 1600VA, 230V, AVR, 4 universal outlets

BX1600MI-MS

### Overview

Lead time Usually in Stock

### Main

|                        |                   |
|------------------------|-------------------|
| Main Input Voltage     | 230 V             |
| Rated power in W       | 900 W             |
| Rated power in VA      | 1600 VA           |
| Output connection type | 4 universal       |
| Cable length           | 1.22 m            |
| Number of cables       | 1                 |
| Battery type           | Lead-acid battery |

### General

|                                     |             |
|-------------------------------------|-------------|
| Provided equipment                  | user manual |
| Max runtime                         | 240 min     |
| Number of power module free slots   | 0           |
| Number of power module filled slots | 0           |
| Redundant                           | No          |

### Physical

|                     |                    |
|---------------------|--------------------|
| Colour              | Black              |
| Height              | 19 cm              |
| Width               | 14 cm              |
| Depth               | 39 cm              |
| Net weight          | 10.3 kg            |
| Mounting preference | No preference      |
| Mounting mode       | Not rack-mountable |
| Two post mountable  | 0                  |
| USB compatible      | No                 |

## Input

|                                 |                                |
|---------------------------------|--------------------------------|
| Network frequency               | 50/60 Hz +/- 5 Hz auto-sensing |
| Input voltage limits            | 140...300 V                    |
| Input Power Factor at Full Load | 0.56                           |

## Output

|                                  |                                     |
|----------------------------------|-------------------------------------|
| Maximum configurable power in W  | 900 W                               |
| Output frequency                 | 50/60 Hz +/- 1 Hz sync to mains     |
| UPS type                         | Line interactive                    |
| Wave type                        | Stepped approximation to a sinewave |
| Full load runtime                | 00:01:00 900 W                      |
| 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      | CE   |
| Standards                   | EN/IEC 62040-1:2019/A11:2021<br>EN/IEC 62040-2:2006/AC:2006<br>EN/IEC 62040-2:2018 |
| Equipment protection policy | Lifetime : 50000 euros   |

## Environmental

|                                       |                         |
|---------------------------------------|-------------------------|
| Ambient air temperature for operation | 0...40 °C               |
| Relative humidity                     | 0...95 % non-condensing |
| Operating altitude                    | 0...3000 m              |
| Ambient air temperature for storage   | -15...40 °C             |
| Storage Relative Humidity             | 0...95 % non-condensing |
| Storage altitude                      | 0...3000 m              |
| Acoustic level                        | 40 dBA                  |
| IP degree of protection               | IP20                    |

## Batteries & Runtime

|                                |  |
|--------------------------------|--|
| Number of battery filled slots | 0  |
| Number of battery free slots   | 0  |
| Battery recharge time          | 8 h  |
| Battery voltage                | 24 V   |
| Battery power in VAh           | 136 VAh runtime<br>168 VAh capacity  |
| Battery life                   | 3...5 year(s)  |
| Replacement battery            | <a href="#">APCRBC176</a>   |
| Battery graph comments         | Curve fit to measured runtime data. All measurements taken with new, fully charged batteries, at typical environmental conditions, with no electrical input and balanced resistive load (PF = 1.0) output. |

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|                  |   |
|------------------|---|
| Extended runtime | 0 |
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## Communications & Management

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|---------------|--|
| Control panel | LED Status display with on line : on battery |
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## Surge Protection and Filtering

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

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## Packing Units

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|                        |     |
|------------------------|-----|
| Unit Type of Package 1 | PCE |
|------------------------|-----|

|                              |   |
|------------------------------|---|
| Number of Units in Package 1 | 1 |
|------------------------------|---|

|                  |         |
|------------------|---------|
| Package 1 Height | 29.7 cm |
|------------------|---------|

|                 |         |
|-----------------|---------|
| Package 1 Width | 49.5 cm |
|-----------------|---------|

|                  |         |
|------------------|---------|
| Package 1 Length | 23.5 cm |
|------------------|---------|

|                  |         |
|------------------|---------|
| Package 1 Weight | 11.3 kg |
|------------------|---------|

|       |                |
|-------|----------------|
| SCC14 | 10731304410727 |
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## Offer Sustainability

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|                   |  |
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| EU RoHS Directive | Compliant<br><a href="#">EU RoHS Declaration</a> |
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## Contractual warranty

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|          |                           |
|----------|---------------------------|
| Warranty | 2 years repair or replace |
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Recommended replacement(s)