

# Product datasheet

Specifications



## APC Smart-UPS Ultra On-Line Lithium ion, 5KVA/5KW, 2U Rack/ Tower, 230V

SRTL5KRM2UI

### Main

|                        |                                    |
|------------------------|------------------------------------|
| Main Input Voltage     | 230 V                              |
| Other Input Voltage    | 220 V                              |
| Main Output Voltage    | 230 V                              |
| Other Output Voltage   | 220 V                              |
| Rated power in W       | 5000 W                             |
| Rated power in VA      | 5000 VA                            |
| Output connection type | 6 IEC 60320 C13<br>4 IEC 60320 C19 |
| Number of rack unit    | 2U                                 |
| Number of cables       | 1                                  |
| Battery type           | Li-Ion (Lithium-Ion)               |
| Provided equipment     | 1 CD (software and documentation)  |

### General

|                                     |              |
|-------------------------------------|--------------|
| Product web sub-family              | High density |
| Number of power module free slots   | 0            |
| Number of power module filled slots | 0            |
| Redundant                           | No           |

### Physical

|                     |               |
|---------------------|---------------|
| Colour              | Black         |
| Height              | 86 mm         |
| Width               | 432 mm        |
| Depth               | 701 mm        |
| Net weight          | 29.2 kg       |
| Mounting location   | Front         |
| Mounting preference | No preference |
| Mounting mode       | Rack-mounted  |
| Two post mountable  | 0             |

|                   |                        |
|-------------------|------------------------|
| USB compatible    | No                     |
| Mounting position | Horizontal<br>Vertical |

## Input

|                            |                                    |
|----------------------------|------------------------------------|
| Network frequency          | 40...70 Hz auto-sensing            |
| Number of input connectors | 1 hard wire 3-wire (1P + N + E)    |
| Input voltage limits       | 180...275 V adjustable (half load) |

## Output

|                                  |  |
|----------------------------------|--|
| Maximum configurable power in W  | 5000 W                                 |
| Harmonic distortion              | Less than 2 %                          |
| Output frequency                 | 50/60 Hz +/- 3 Hz sync to mains        |
| Crest factor                     | 3 : 1                                  |
| UPS type                         | Double conversion online               |
| Wave type                        | Sine wave                              |
| Bypass type                      | Internal bypass (automatic and manual) |
| Full load runtime                | 00:05:00 5000 W                        |
| Half load runtime                | 00:12:00 2500 W                        |
| Maximum configurable power in VA | 5000 VA                                |

## Conformance

|                        |         |
|------------------------|---------|
| Product certifications | CE      |
| Marking                | CE Mark |

## 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                        | 55 dBA                  |
| Heat dissipation                      | 931 Btu/h               |
| IP degree of protection               | IP20                    |

## Batteries & Runtime

|  |       |
|--|-------|
| Number of battery filled slots         | 0     |
| Number of battery free slots           | 0     |
| Battery recharge time                  | 1.5 h |
| Number of battery replacement quantity | 1     |
| Battery voltage                        | 180 V |

|                       |  |
|-----------------------|--|
| Battery charger power | 600 W rated  |
| Battery power in VAH  | 623 VAh runtime  |
| Battery life          | 5...10 year(s)   |
| Battery option        | SRTL180RM2UBP 1 1878 VAh<br>SRTL180RM2UBP 2 3115 VAh<br>SRTL180RM2UBP 3 4376 VAh<br>SRTL180RM2UBP 4 5616 VAh<br>SRTL180RM2UBP 5 6865 VAh<br>SRTL180RM2UBP 6 8120 VAh<br>SRTL180RM2UBP 7 9384 VAh<br>SRTL180RM2UBP 8 10608 VAh<br>SRTL180RM2UBP 9 11934 VAh<br>SRTL180RM2UBP 10 13129 VAh |
| Extended runtime      | 1  |

## Communications & Management

|                     |  |
|---------------------|--|
| Free slots          | 0  |
| Alarm               | Audible and visible alarms : prioritized by severity |
| Emergency power off | Yes  |

## Surge Protection and Filtering

|                   |        |
|-------------------|--------|
| Surge energy rate | 1260 J |
|-------------------|--------|

## Packing Units

|                              |                |
|------------------------------|----------------|
| Unit Type of Package 1       | PCE            |
| Number of Units in Package 1 | 4              |
| Package 1 Height             | 39.2 cm        |
| Package 1 Width              | 58.5 cm        |
| Package 1 Length             | 98.4 cm        |
| Package 1 Weight             | 38.5 kg        |
| SCC14                        | 10731304435754 |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| EU RoHS Directive          | Compliant<br><a href="#">EU RoHS Declaration</a>  |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information |

## Contractual warranty

|          |         |
|----------|---------|
| Warranty | 5 years |
|----------|---------|

## Recommended replacement(s)