

# Product datasheet

Specifications



## APC Easy UPS On-Line SRV RM 6000VA 230V with External Battery Pack, with RailKit

SRV6KRILRK

### Overview

|              |   |
|--------------|---|
| Presentation | High quality, Double-conversion On-line UPS designed for essential power protection needs even in the most unstable power conditions. |
| Lead time    | Usually in Stock  |

### Main

|                           |  |
|---------------------------|--|
| Main Input Voltage        | 230 V  |
| Product or component type | Uninterruptible power supply (UPS)   |
| Other Input Voltage       | 220 V<br>240 V   |
| Main Output Voltage       | 230 V  |
| Other Output Voltage      | 220 V<br>240 V   |
| Rated power in W          | 6000 W   |
| Rated power in VA         | 6000 VA  |
| Output connector type     | Hard wire 3-wire (1P + N + E) 1  |
| Number of rack unit       | 5U   |
| Provided equipment        | 1 USB cable<br>1 RS-232 configuration cable<br>2 rack mounting brackets<br>2 rack mounting support rails<br>1 external battery pack<br>1 battery cable |
| Range of product          | Easy UPS On-Line   |

### Batteries & Runtime

|                                |                                       |
|--------------------------------|---------------------------------------|
| Run Time                       | <a href="#">View Runtime Graph</a>    |
| Efficiency                     | <a href="#">View Efficiency Graph</a> |
| Battery type                   | Lead-acid battery                     |
| Battery voltage                | 240 V                                 |
| Number of battery filled slots | 0                                     |
| Number of battery free slots   | 0                                     |
| Battery recharge time          | 5 h                                   |
| Battery life                   | 3...5 year(s)                         |
| Battery charger power          | 1170 W rated                          |

### General

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

|                                     |    |
|-------------------------------------|----|
| Number of power module filled slots | 0  |
| Number of power module free slots   | 0  |
| Redundant                           | No |

## Physical

|                     |                  |
|---------------------|------------------|
| Colour              | Black (RAL 7010) |
| Height              | 22 cm            |
| Width               | 43.8 cm          |
| Depth               | 61.5 cm          |
| Net weight          | 81 kg            |
| Mounting location   | Front            |
| Mounting preference | Lower            |
| Mounting mode       | Rack-mounted     |
| USB compatible      | Yes              |
| Mounting position   | Horizontal       |

## Input

|                            |  |
|----------------------------|--|
| Input voltage limits       | 110...300 V 60 % load<br>176...300 V full load |
| Number of input connectors | 1 hard wire 3-wire (1P + N + E)                |
| Network frequency          | 40...70 Hz auto sensing                        |

## Output

|                                  |  |
|----------------------------------|--|
| Maximum configurable power in VA | 6000 VA  |
| Maximum configurable power in W  | 6000 W   |
| Output frequency                 | 50/60 Hz +/- 3 Hz sync to mains                          |
| Harmonic distortion              | 1 %  |
| UPS type                         | Double conversion online                                 |
| Wave type                        | Sine wave  |
| Efficiency                       | 94 % (full load)   |
| Additional information           | Configurable for 220 : 230 or 240 nominal output voltage |
| Bypass type                      | Internal bypass (automatic and manual)                   |
| Crest factor                     | 3 : 1  |

## Conformance

|                        |  |
|------------------------|--|
| Product certifications | CE<br>UKCA<br>EAC<br>TISI  |
| 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...3000 m              |
| Ambient air temperature for storage   | -15...60 °C             |
| Storage Relative Humidity             | 0...95 % non-condensing |
| Storage altitude                      | 0...15000 m             |
| Acoustic level                        | 55 dBA                  |
| Heat dissipation                      | 1172 Btu/h              |
| IP degree of protection               | IP20                    |

## Communications & Management

|                     |  |
|---------------------|--|
| Alarm               | Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm |
| Emergency power off | Yes  |
| Free slots          | 1  |
| control panel       | Multifunction LCD status and control console   |

## Surge Protection and Filtering

|                   |       |
|-------------------|-------|
| Surge energy rate | 600 J |
|-------------------|-------|

## Packing Units

|                              |       |
|------------------------------|-------|
| Unit Type of Package 1       | PCE   |
| Number of Units in Package 1 | 4     |
| Package 1 Height             | 49 cm |
| Package 1 Width              | 60 cm |
| Package 1 Length             | 87 cm |
| Package 1 Weight             | 88 kg |

## Contractual warranty

|          |                           |
|----------|---------------------------|
| Warranty | 2 years repair or replace |
|----------|---------------------------|

## 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

[Environmental Disclosure](#)

[Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard **No**

Packaging without single use plastic **No**

EU RoHS Directive **Compliant with Exemptions**

SCIP Number **409c68a1-39a6-4e5f-b080-12befe783ad8**

REACH Regulation [REACH Declaration](#)

## Use Again

### Repack and remanufacture

Circularity Profile [End of Life Information](#)

Removable battery **User replaceable**

Take-back **No**

Image of product / Alternate images

Alternative

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