

# Product data sheet

## Characteristics

# SRV1KRILRK-E

APC Easy UPS On-Line, 1000VA/900W,  
Rackmount 4U, 230V, 4x IEC C13 outlets,  
Intelligent Card Slot, LCD, Extended runtime,  
W/ rail kit



### 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  |
| 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       | 900 W  |
| Rated power in VA      | 1000 VA  |
| Input Connection Type  | IEC 60320 C14  |
| Output connection type | 4 IEC 60320 C13  |
| Number of rack unit    | 4U   |
| Number of cables       | 1  |
| Provided equipment     | 1 IEC 60320 C13 to Schuko power cable<br>1 IEC 60320 C13 to C14 power cable<br>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<br>User manual |

### Batteries & Runtime

|                                |                   |
|--------------------------------|-------------------|
| Battery type                   | Lead-acid battery |
| Battery voltage                | 36 V              |
| Number of battery filled slots | 0                 |
| Number of battery free slots   | 0                 |
| Battery recharge time          | 4.5 h             |
| Battery life                   | 3...5 year(s)     |
| Battery charger power          | 262 W rated       |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## General

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

## Physical

|                     |                  |
|---------------------|------------------|
| Colour              | Black (RAL 7010) |
| Height              | 17.2 cm          |
| Width               | 43.8 cm          |
| Depth               | 41.2 cm          |
| Net weight          | 27.1 kg          |
| Mounting location   | Front            |
| Mounting preference | Lower            |
| Mounting mode       | Rack-mounted     |
| USB compatible      | No               |
| Mounting position   | Horizontal       |

## Input

|                      |   |
|----------------------|---|
| Input voltage limits | 105...300 V 40% load<br>180...285 V full load |
| Network frequency    | 40...70 Hz auto sensing                       |

## Output

|                                  |  |
|----------------------------------|--|
| Maximum configurable power in VA | 1000 VA  |
| Maximum configurable power in W  | 800 W  |
| Output frequency                 | 50/60 Hz +/- 3 Hz sync to mains                          |
| Harmonic distortion              | 3 %  |
| UPS type                         | Double conversion online                                 |
| Wave type                        | Sine wave  |
| Efficiency                       | 88 % (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[RETURN]UKCA[RETURN]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   | -20...50 °C             |
| Storage Relative Humidity             | 0...95 % non-condensing |
| Storage altitude                      | 0...15000 m             |
| Acoustic level                        | 53 dBA                  |
| Heat dissipation                      | 380 Btu/h               |
| IP degree of protection               | IP20                    |

## Communications & Management

|               |  |
|---------------|--|
| Alarm         | Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm |
| 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 | 3       |
| Package 1 Height             | 48 cm   |
| Package 1 Width              | 50 cm   |
| Package 1 Length             | 60 cm   |
| Package 1 Weight             | 33.1 kg |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| EU RoHS Directive          | Compliant with Exemptions   |
| Mercury free               | Yes   |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>  |
| RoHS exemption information | <a href="#">Yes</a>   |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

## Contractual warranty

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