

# Product datasheet

Specifications



## Schneider Electric Easy UPS SRVS 2000VA 230V

SRVS2KI

### Overview

**Presentation** For small to medium businesses, Easy UPS 1 Ph On-Line provides essential power protection for unstable power conditions, ensuring consistent and reliable connectivity at the most critical moments.

### Main

|                               |  |
|-------------------------------|--|
| <b>Main Input Voltage</b>     | 230 V  |
| <b>Other Input Voltage</b>    | 220 V<br>240 V   |
| <b>Main Output Voltage</b>    | 230 V  |
| <b>Other Output Voltage</b>   | 220 V<br>240 V   |
| <b>Rated power in W</b>       | 1600 W   |
| <b>Rated power in VA</b>      | 2000 VA  |
| <b>Input Connection Type</b>  | IEC 60320 C14  |
| <b>Output connection type</b> | 4 IEC 60320 C13  |
| <b>Cable length</b>           | 1.50 m   |
| <b>Number of cables</b>       | 1  |
| <b>Provided equipment</b>     | 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>user manual<br><br>Basic UPS signalling RS-232 cable<br>CD with software<br>User manual<br>USB cable |

### General

|  |       |
|--|-------|
| <b>Max runtime</b>                         | 4 min |
| <b>Number of power module filled slots</b> | 0     |
| <b>Number of power module free slots</b>   | 0     |
| <b>Redundant</b>                           | No    |

Disclaimer: 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

## Physical

|                     |                    |
|---------------------|--------------------|
| Colour              | Black (RAL 7010)   |
| Height              | 23.8 cm            |
| Width               | 14.5 cm            |
| Depth               | 40 cm              |
| Net weight          | 16.8 kg            |
| Mounting location   | Front              |
| Mounting preference | No preference      |
| Mounting mode       | Not rack-mountable |
| USB compatible      | Yes                |
| Mounting position   | Vertical           |

## Input

|                      |  |
|----------------------|--|
| Input voltage limits | 110...285 V half load<br>160...280 V full load |
| Network frequency    | 40...70 Hz auto sensing                        |

## Output

|                                  |  |
|----------------------------------|--|
| Maximum configurable power in VA | 2000 VA  |
| Maximum configurable power in W  | 1600 W   |
| Output frequency                 | 50/60 Hz +/- 3 Hz sync to mains                          |
| 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<br>UKCA   |
| 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                        | 50 dBA                  |

|                         |           |
|-------------------------|-----------|
| Heat dissipation        | 745 Btu/h |
| IP degree of protection | IP20      |

## Batteries & Runtime

|                                |                   |
|--------------------------------|-------------------|
| Battery type                   | Lead-acid battery |
| Battery voltage                | 48 V              |
| Number of battery filled slots | 0                 |
| Number of battery free slots   | 0                 |
| Battery recharge time          | 4 h               |
| Battery life                   | 3...5 year(s)     |
| Battery charger power          | 76 W rated        |

## Communications & Management

|               |  |
|---------------|--|
| Alarm         | Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm |
| 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 | 1       |
| Package 1 Height             | 35.5 cm |
| Package 1 Width              | 23.5 cm |
| Package 1 Length             | 52.5 cm |
| Package 1 Weight             | 18.1 kg |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| 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 | <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 |
|----------|---------------------------|

## Recommended replacement(s)