

# Product datasheet

Specifications



## APC Easy UPS On-Line SRV 2000VA 230V

SRV2KI

### 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  
240 V

**Main Output Voltage** 230 V

**Other Output Voltage** 220 V  
240 V

**Rated power in W** 1600 W

**Rated power in VA** 2000 VA

**Input Connection Type** IEC 60320 C14

**Nb of power socket outlets** 4 IEC 60320 C13

**Cable length** 1.50 m

**Number of cables** 1

**Provided equipment** Basic UPS signalling RS-232 cable  
USB cable  
CD with software  
User manual  
IEC-C14 - Shuko input power cord  
C13-C14 power cord

### General

**Max runtime** 4 min

**Number of power module filled slots** 0

**Number of power module free slots** 0

**Redundant** No

### Physical

**Colour** Black

**Height** 23.8 cm

|                            |                    |
|----------------------------|--------------------|
| <b>Width</b>               | 14.5 cm            |
| <b>Depth</b>               | 40 cm              |
| <b>Net weight</b>          | 16.8 kg            |
| <b>Mounting location</b>   | Front              |
| <b>Mounting preference</b> | No preference      |
| <b>Mounting mode</b>       | Not rack-mountable |
| <b>USB compatible</b>      | Yes                |
| <b>Mounting position</b>   | Vertical           |

## Input

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

## Output

|   |  |
|---|--|
| <b>Maximum configurable power in VA</b> | 2000 VA  |
| <b>Maximum configurable power in W</b>  | 1600 W   |
| <b>Output frequency</b>                 | 50/60 Hz +/- 3 Hz sync to mains                          |
| <b>Harmonic distortion</b>              | 3 %  |
| <b>UPS type</b>                         | Double conversion online                                 |
| <b>Wave type</b>                        | Sine wave  |
| <b>Efficiency</b>                       | 88 % (full load)   |
| <b>Additional information</b>           | Configurable for 220 : 230 or 240 nominal output voltage |
| <b>Bypass type</b>                      | Internal bypass (automatic and manual)                   |
| <b>Crest factor</b>                     | 3 : 1  |

## Conformance

|                               |                                  |
|-------------------------------|----------------------------------|
| <b>Product certifications</b> | CE<br>EAC<br>TISI                |
| <b>Standards</b>              | EN/IEC 62040-1<br>EN/IEC 62040-2 |

## Environmental

|  |                         |
|--|-------------------------|
| <b>Ambient air temperature for operation</b> | 0...40 °C               |
| <b>Relative humidity</b>                     | 0...95 % non-condensing |
| <b>Operating altitude</b>                    | 0...3000 m              |
| <b>Ambient air temperature for storage</b>   | -20...50 °C             |
| <b>Storage Relative Humidity</b>             | Non-condensing 0...95 % |
| <b>Storage altitude</b>                      | 0...15000 m             |
| <b>Acoustic level</b>                        | 50 dBA                  |
| <b>Heat dissipation</b>                      | 745 Btu/h               |
| <b>IP degree of protection</b>               | 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          | 70 W rated        |

## 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 | 1       |
| Package 1 Weight             | 18.1 kg |
| Package 1 Height             | 35.5 cm |
| Package 1 width              | 23.5 cm |
| Package 1 Length             | 52.5 cm |

## Offer Sustainability

|                             |  |
|-----------------------------|--|
| REACH Regulation            | <a href="#">REACH Declaration</a>                |
| EU RoHS Directive           | Compliant<br><a href="#">EU RoHS Declaration</a> |
| Optimized Energy Efficiency | Energy efficient product                         |

## Contractual warranty

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