

# Product datasheet

Specifications



## APC Easy UPS On-Line SRV 1000VA RM 230V



SRV1KRI

### Overview

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

### 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>           | 800 W   |
| <b>Rated power in VA</b>          | 1000 VA   |
| <b>Input Connection Type</b>      | IEC 60320 C14   |
| <b>Nb of power socket outlets</b> | 3 IEC 60320 C13   |
| <b>Number of rack unit</b>        | 2U  |
| <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>1 rack mounting brackets<br>1 user manual |

### 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    |

### Physical

|               |                  |
|---------------|------------------|
| <b>Colour</b> | Black (RAL 7010) |
|---------------|------------------|

|                     |                       |
|---------------------|-----------------------|
| Height              | 8.6 cm                |
| Width               | 43.7 cm               |
| Depth               | 31.2 cm               |
| Net weight          | 11 kg                 |
| Mounting location   | Front                 |
| Mounting preference | Lower                 |
| Mounting mode       | Rack-mounted with kit |
| USB compatible      | Yes                   |
| Mounting position   | Horizontal            |

## 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 | 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<br>EAC<br>TISI                |
| Standards              | EN/IEC 62040-1<br>EN/IEC 62040-2 |

## 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             | Non-condensing 0...95 % |
| Storage altitude                      | 0...15000 m             |
| Acoustic level                        | 50 dBA                  |
| Heat dissipation                      | 372 Btu/h               |
| IP degree of protection               | IP20                    |

## Batteries & Runtime

|                                |                   |
|--------------------------------|-------------------|
| Battery type                   | Lead-acid battery |
| Battery voltage                | 24 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          | 30 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   |
| Free slots    | 1  |

## Surge Protection and Filtering

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

## Packing Units

|                  |         |
|------------------|---------|
| Package 1 Weight | 13.1 kg |
| Package 1 Height | 21.8 cm |
| Package 1 width  | 45.5 cm |
| Package 1 Length | 55.1 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 |
|----------|---------------------------|