

# Product datasheet

Specifications



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

SRV1KI

### 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  
240 V

**Main Output Voltage** 230 V

**Other Output Voltage** 220 V  
240 V

**Rated power in W** 800 W

**Rated power in VA** 1000 VA

**Input Connection Type** IEC 60320 C14

**Output connection type** 3 IEC 60320 C13

**Cable length** 1.50 m

**Number of cables** 1

**Provided equipment** 1 IEC 60320 C13 to Schuko power cable  
1 IEC 60320 C13 to C14 power cable  
1 USB cable  
1 RS-232 configuration cable  
user manual

### Batteries & Runtime

**Battery type** Lead-acid battery

**Battery voltage** 24 V

**Number of battery filled slots** 1

**Number of battery free slots** 0

**Battery recharge time** 4 h

**Battery life** 3...5 year(s)

**Replacement battery** [APCRBCV203](#)

**Battery charger power** 30 W rated

## General

Max runtime	4 min
Number of power module filled slots	0
Number of power module free slots	0
Redundant	No

## Physical

Colour	Black (RAL 7010)
Height	22.3 cm
Width	14.5 cm
Depth	28.8 cm
Product weight	9.3 kg
Mounting location	Front
Mounting support	Floor
Mounting preference	No preference
Mounting mode	Not rack-mountable
USB compatible	Yes
Mounting position	Vertical

## Input

Input voltage limits	110...285 V half load 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 UKCA EAC TISI
Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 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	372 Btu/h
IP degree of protection	IP20

## 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
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## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	33 cm
Package 1 Width	23.5 cm
Package 1 Length	36.5 cm
Package 1 Weight	10.6 kg

## Offer Sustainability

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

## Contractual warranty

Warranty	2 years repair or replace
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## Recommended replacement(s)