

Product datasheet

Specifications



APC Easy UPS On-Line, 2000VA/1600W, Tower, 230V, 4x IEC C13 outlets, Intelligent Card Slot, LCD

SRV2KI

⚠ Discontinued - Service only

⚠ Discontinued on: 31 Dec 2024

⚠ To be end-of-service on: 31 Dec 2029

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	1600 W
rated power in VA	2000 VA
Input Connection Type	IEC 60320 C14
output connection type	4 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
Range of product	Easy UPS On-Line

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Battery type	Lead-acid battery
Battery voltage	48 V
Extended runtime	0
Number of battery filled slots	0
Number of battery free slots	0

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

Battery recharge time	4 h
Battery life	3...5 year(s)
Replacement battery	APCRBCV204 
Battery charger power	70 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	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 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
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	745 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
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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

Contractual warranty

Warranty	2 years repair or replace
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

Environmental footprint

Environmental Disclosure

[Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard **Yes**

Packaging without single use plastic **No**

[EU RoHS Directive](#) **Compliant**

SCIP Number **080b8d64-796e-42e7-a17d-31b86e55d143**

REACH Regulation [REACH Declaration](#)

Energy efficiency

Optimized Energy Efficiency **Energy efficient product**

Use Again

Repack and remanufacture

Circularity Profile [End of Life Information](#)

Removable battery **User replaceable**

Take-back

No

Image of product / Alternate images

Alternative

