Product datasheet

Specifications



APC Easy UPS On-Line SRV RM 2000 VA 230V with Rail Kit

SRV2KRIRK

Overview

Presentation	High quality, Double-conversion On-line UPS designed for essential power protection needs even in the most unstable power conditions.

Main

Main input voltage	230 V AC 1 phase
Other input voltage	220 V 240 V
Input connection	IEC 60320 C14
Efficiency at full load	110...285 V half load 160...280 V full load
Input frequency	40...70 Hz auto sensing
Output voltage	230 V AC 1 phase
Other output voltage	220 V 240 V
Rated power in W	1600 W
Rated power in VA	2000 VA
Output connection	4 IEC 60320 C13
Bypass type	Internal bypass (automatic and manual)
Crest factor	3 : 1
Harmonic distortion	3 %
Maximum configurable power in VA	2000 VA
Maximum configurable power in W	1600 W
UPS topology	On-Line
Waveform type	Sine wave
Efficiency	88 % (full load)
Output frequency	50/60 Hz +/- 3 Hz sync to mains
Replacement battery	APCRBCV201

Graphs

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph

Complementary

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

Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Battery type	Lead-acid internal included
Control panel	Multifunction LCD status and control console
Free slot	1
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
UPS connectivity	Serial port USB port Available expansion slot
Surge energy rating	600 J
Number of rack unit	2U
Cable length	1.50 m
Number of cables	1
Color	Black (RAL 7010)
Height	86 mm
Width	437 mm
Depth	462 mm
Product weight	18.2 kg
Mounting location	Front
Mounting preference	Lower
Mounting mode	Rack-mounted
USB compatible	Yes
Mounting position	Horizontal
Mounting mode	Rack-mounted with included kit
Max runtime	4 min
Number of power module filled slots	0
Number of power module free slots	0
Redundant	No
Range of product	Easy UPS On-Line
Product or component type	Uninterruptible power supply (UPS)

Environment

Product certification	CE EAC TISI
Standard	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
Ambient air temperature for operation	0…40 °C
Ambient air temperature for storage	-20…50 °C
Storage altitude	0…15000 m
IP protection	IP20
Relative humidity	0…95 % non-condensing
Storage relative humidity	0…95 % non-condensing

Acoustic level	50 dBA
Heat dissipation	745 Btu/h
Operating altitude	0...3000 m

Batteries & Runtime

Battery type	Lead-acid battery
Battery voltage	48 V
Extendable runtime	0
Included battery module	0
Empty battery slot	0
Typical recharge time	4 h
Battery life	3…5 year(s)
Battery charging power	70 W rated
Battery power in VAh	305 VAh runtime

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	21.8 cm
Package 1 Width	70 cm
Package 1 Length	55 cm
Package 1 Weight	20.7 kg

Contractual warranty

Warranty (in months)	24

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 >

How we assess product sustainability >

Environmental footprint

Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant
REACh Regulation	Reference contains Substances of Very High Concern above the threshold

Use Again

Repack and remanufacture

End of life manual availability	End of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Image of product / Alternate images

Alternative

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