

Product datasheet

Specifications



APC Easy UPS On-Line SRV 2000VA 230V with Extended Runtime Battery Pack

SRV2KIL

Overview

Presentation	High quality, Double-conversion On-line UPS designed for essential power protection needs even in the most unstable power conditions.
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Lead time	Usually in Stock
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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
Plug standard	IEC 60320 C14
Output connection type	4 IEC 60320 C13
Cable length	1.52 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 1 external battery pack 1 battery cable user manual

General

Number of power module filled slots	0
Number of power module free slots	0
Redundant	No

Physical

Colour	Black (RAL 7010)
Height	33.6 cm
Width	33.5 cm

Depth	42.5 cm
Net weight	45.4 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	Non-condensing 0...95 %
Storage altitude	0...15000 m
Acoustic level	50 dBA
Heat dissipation	745 Btu/h
IP degree of protection	IP20

Batteries & Runtime

Battery type	Lead-acid battery
Battery voltage	72 V
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	5.5 h
Battery life	3...5 year(s)
Battery charger power	350 W rated
Battery option	SRV72BP-9A 1 1944 VAh SRV72BP-9A 2 2916 VAh SRV72BP-9A 3 3888 VAh SRV72BP-9A 4 4860 VAh SRV72BP-9A

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
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Packing Units

Unit Type of Package 1	PCE
Package 1 Length	56.5 cm
Number of Units in Package 1	2
Package 1 Width	56 cm
Package 1 Height	46.5 cm
Package 1 Weight	49.3 kg

Offer Sustainability

REACH Regulation	REACH Declaration
EU RoHS Directive	Under investigation

Contractual warranty

Warranty	2 years repair or replace
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