

Product datasheet

Specifications



APC Easy UPS On-Line, 6kVA/6kW, Rackmount 4U, 230V, Hard wire 3-wire(1P+N+E) outlet, Intelligent Card Slot, LCD, W/ rail kit

SRV6KRIRK

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

Other Input Voltage 220 V
240 V

Main Output Voltage 230 V

Other Output Voltage 220 V
240 V

Rated Power In W 6000 W

Rated Power In Va 6000 VA

Output Connector Type Hard wire 3-wire (1P + N + E) 1

Number Of Rack Unit 4U

Provided Equipment

- 1 user manual
- 1 RS-232 configuration cable
- 2 rack mounting brackets
- 2 rack mounting support rails
- 1 external battery pack
- 1 battery cable
- user manual

Batteries & Runtime

Run Time [View Runtime Graph](#)

Efficiency [View Efficiency Graph](#)

Battery Type Lead-acid battery

Battery Voltage 192 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 235 W rated

General

Number Of Power Module Filled Slots	0
Number Of Power Module Free Slots	0
Redundant	No

Physical

Colour	Black (RAL 7010)
Height	17.3 cm
Width	43.8 cm
Depth	71.0 cm
Net Weight	61 kg
Mounting Location	Front
Mounting Preference	Lower
Mounting Mode	Rack-mounted
Usb Compatible	Yes
Mounting Position	Horizontal

Input

Input Voltage Limits	110...300 V 60 % load 176...300 V full load
Number Of Input Connectors	1 hard wire 3-wire (1P + N + E)
Network Frequency	40...70 Hz auto sensing

Output

Maximum Configurable Power In Va	6000 VA
Maximum Configurable Power In W	6000 W
Output Frequency	50/60 Hz +/- 3 Hz sync to mains
Harmonic Distortion	1 %
Ups Type	Double conversion online
Wave Type	Sine wave
Efficiency	94 % (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	-15...60 °C
Storage Relative Humidity	0...95 % non-condensing
Storage Altitude	0...15000 m
Acoustic Level	55 dBA
Heat Dissipation	1172 Btu/h
Ip Degree Of Protection	IP20

Communications & Management

Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Emergency Power Off	Yes
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	123.19 cm
Package 1 Width	83.6 cm
Package 1 Length	60 cm
Package 1 Weight	71 kg

Contractual warranty

Warranty	2 years repair or replace
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Sustainability

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Transparency RoHS/REACH

Well-being performance

Mercury Free

Rohs Exemption Information [Yes](#)

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive [Compliant with Exemptions](#)

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)