

# 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/O rail kit

SRV6KRI

## 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 USB cable  
1 RS-232 configuration cable  
2 rack mounting brackets  
1 external battery pack  
1 battery cable  
1 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 with kit
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

<b>Operating Altitude</b>	0...3000 m
<b>Ambient Air Temperature For Storage</b>	-15...60 °C
<b>Storage Relative Humidity</b>	0...95 % non-condensing
<b>Storage Altitude</b>	0...15000 m
<b>Acoustic Level</b>	55 dBA
<b>Heat Dissipation</b>	1172 Btu/h
<b>Ip Degree Of Protection</b>	IP20

## Communications & Management

<b>Alarm</b>	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
<b>Emergency Power Off</b>	Yes
<b>Free Slots</b>	1
<b>Control Panel</b>	Multifunction LCD status and control console

## Surge Protection and Filtering

<b>Surge Energy Rate</b>	600 J
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## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	48.5 cm
<b>Package 1 Width</b>	83.6 cm
<b>Package 1 Length</b>	60 cm
<b>Package 1 Weight</b>	71 kg

## Contractual warranty

<b>Warranty</b>	2 years repair or replace
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## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

[Learn more >](#)

## Well-being performance

✓ Toxic Heavy Metal Free

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✓ Mercury Free

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✓ Rohs Exemption Information [Yes](#)

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**Reach Regulation** [REACH Declaration](#)

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**Eu Rohs Directive** [Compliant](#)  
[EU RoHS Declaration](#)

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**China Rohs Regulation** [China RoHS declaration](#)

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