

# Product datasheet

Specifications



APC Easy UPS On-Line, 6kVA/6kW, Rackmount 5U, 230V, Hard wire 3-wire(1P+N+E) outlet, Intelligent Card Slot, LCD, Extended Runtime, W/O rail kit

SRV6KRIL

## 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** 6000 W

**Rated Power In Va** 6000 VA

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

**Number Of Rack Unit** 5U

**Provided Equipment** 1 USB cable  
1 RS-232 configuration cable  
2 rack mounting brackets  
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** 240 V

**Number Of Battery Filled Slots** 0

**Number Of Battery Free Slots** 0

**Battery Recharge Time** 5 h

**Battery Life** 3...5 year(s)

**Battery Charger Power** 1170 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	21.95 cm
Width	43.8 cm
Depth	61.5 cm
Net Weight	78 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
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 dB
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	49 cm
Package 1 Width	87 cm
Package 1 Length	60 cm
Package 1 Weight	88 kg

## Contractual warranty

Warranty	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.

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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](#)  
[EU RoHS Declaration](#)

**Environmental Disclosure** [Product Environmental Profile](#)

**Circularity Profile** [End of Life Information](#)