

# Product datasheet

Specifications



## APC Easy UPS On-Line SRV 6000VA RM 230V with Extended Runtime Battery Pack

SRV6KRIL

### Overview

<b>Presentation</b>	High quality, Double-conversion On-line UPS designed for essential power protection needs even in the most unstable power conditions.
<b>Lead time</b>	Usually in Stock

### Main

<b>Main Input Voltage</b>	230 V
<b>Other Input Voltage</b>	220 V 240 V
<b>Main Output Voltage</b>	230 V
<b>Other Output Voltage</b>	220 V 240 V
<b>Rated power in W</b>	6000 W
<b>Rated power in VA</b>	6000 VA
<b>Output connector type</b>	Hard wire 3-wire (H N + E) 1
<b>Number of rack unit</b>	5U
<b>Provided equipment</b>	Basic UPS signalling RS-232 cable CD with software Rack mounting brackets User manual USB cable

### General

<b>Number of power module filled slots</b>	0
<b>Number of power module free slots</b>	0
<b>Redundant</b>	No

### Physical

<b>Colour</b>	Black
<b>Height</b>	21.95 cm
<b>Width</b>	43.8 cm
<b>Depth</b>	61.5 cm
<b>Net weight</b>	78 kg
<b>Mounting location</b>	Front

<b>Mounting preference</b>	Lower
<b>Mounting mode</b>	Rack-mounted with kit
<b>USB compatible</b>	Yes
<b>Mounting position</b>	Horizontal

## Input

<b>Input voltage limits</b>	110...300 V half load 176...300 V full load
<b>Number of input connectors</b>	1 hard wire 3-wire (1P + N + E)
<b>Network frequency</b>	40...70 Hz auto sensing

## Output

<b>Maximum configurable power in VA</b>	6000 VA
<b>Maximum configurable power in W</b>	6000 W
<b>Output frequency</b>	50/60 Hz +/- 3 Hz sync to mains
<b>Harmonic distortion</b>	1 %
<b>UPS type</b>	Double conversion online
<b>Wave type</b>	Sine wave
<b>Efficiency</b>	94 % (full load)
<b>Additional information</b>	Configurable for 220 : 230 or 240 nominal output voltage
<b>Bypass type</b>	Internal bypass (automatic and manual)
<b>Crest factor</b>	3 : 1

## Conformance

<b>Product certifications</b>	CE EAC TISI
<b>Standards</b>	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018

## Environmental

<b>Ambient air temperature for operation</b>	0...40 °C
<b>Relative humidity</b>	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>	Non-condensing 0...95 %
<b>Storage altitude</b>	0...15000 m
<b>Acoustic level</b>	55 dB
<b>Heat dissipation</b>	1172 Btu/h
<b>IP degree of protection</b>	IP20

## Batteries & Runtime

<b>Battery type</b>	Lead-acid battery
<b>Battery voltage</b>	240 V

Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	9 h
Battery life	3...5 year(s)
Battery charger power	1170 W rated
Battery option	SRV240RLBP-9A 1 3024 VAh SRV240RLBP-9A 2 4536 VAh SRV240RLBP-9A 3 6048 VAh SRV240RLBP-9A 4 7560 VAh SRV240RLBP-9A

## Communications & Management

Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Control panel	Multifunction LCD status and control console
Emergency power off	Yes
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	60 cm
Number of Units in Package 1	1
Package 1 Width	87 cm
Package 1 Height	49 cm
Package 1 Weight	88 kg

## Offer Sustainability

REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>

## Contractual warranty

Warranty	2 years repair or replace
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