

# Product datasheet

Specifications



## APC Easy UPS On-Line SRV 6000VA 230V

SRV6KI

**Price: 49,680.00 ZAR**

### 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 AC 1 phase
<b>Input voltage</b>	220 V 240 V
<b>Input voltage limits</b>	110...300 V 60 % 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
<b>Output voltage</b>	230 V AC 1 phase
<b>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 (1P + N + E) for 1 zone(s)
<b>Bypass type</b>	Internal bypass (automatic and manual)
<b>Crest factor</b>	3 : 1
<b>Harmonic distortion</b>	1 %
<b>Maximum configurable power in VA</b>	6000 VA
<b>Maximum configurable power in W</b>	6000 W
<b>UPS type</b>	Double conversion online
<b>Wave type</b>	Sine wave
<b>Efficiency</b>	94 % (full load)
<b>Output frequency</b>	50/60 Hz +/- 3 Hz sync to mains

### Complementary

<b>Battery type</b>	Lead-acid battery
<b>Additional information</b>	Configurable for 220 : 230 or 240 nominal output voltage
<b>Battery voltage</b>	192 V
<b>Extended runtime</b>	0
<b>Number of battery filled slots</b>	0

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

<b>Number of battery free slots</b>	0
<b>Battery recharge time</b>	4 h
<b>Battery life</b>	3...5 year(s)
<b>Battery charger power</b>	235 W rated
<b>Battery type</b>	Lead-acid internal included
<b>Control panel</b>	Multifunction LCD status and control console
<b>Emergency power off</b>	Yes
<b>Free slots</b>	1
<b>Alarm</b>	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
<b>UPS connectivity</b>	Serial port USB port Available expansion slot
<b>Surge energy rate</b>	600 J
<b>Colour</b>	Black (RAL 7010)
<b>Height</b>	685 mm
<b>Width</b>	190 mm
<b>Depth</b>	374 mm
<b>Net weight</b>	54 kg
<b>Mounting location</b>	Front
<b>Mounting preference</b>	No preference
<b>Mounting mode</b>	Not rack-mountable
<b>USB compatible</b>	Yes
<b>Mounting position</b>	Vertical
<b>Mounting mode</b>	Tower
<b>Number of power module filled slots</b>	0
<b>Number of power module free slots</b>	0
<b>Redundant</b>	No
<b>Range of product</b>	Easy UPS On-Line
<b>Product or component type</b>	Uninterruptible power supply (UPS)
<b>Number of tare power</b>	60 W
<b>Curve equation</b>	Efficiency
<b>Curve fixed loss</b>	0.0117
<b>Curve load maximum</b>	100 %
<b>Curve load minimum</b>	2 %
<b>Curve proportional loss</b>	0.0192
<b>Curve square loss</b>	0.0326
<b>Curve test cond ID</b>	Curve fit to measured efficiency data. All measurements taken in normal operating mode, at typical environmental conditions, with nominal electrical input and balanced resistive load (PF = 1.0) output.
<b>Curve X-axis maximum</b>	100 %
<b>Curve X-axis minimum</b>	0 %
<b>Curve X-axis title</b>	Load

Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %
Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Graph display	1
Show note OP temperature	No
Battery curve	D
Liquid value	0
Battery design life	2 year(s)
UPS design life	3 year(s)
Battery power in VAH	1124 VAh runtime
UPS size	WS

## Environment

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
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-15...60 °C
Storage altitude	0...15000 m
IP degree of protection	IP20
Relative humidity	0...95 % non-condensing
Storage Relative Humidity	0...95 % non-condensing
Acoustic level	55 dBA
Heat dissipation	1172 Btu/h
Operating altitude	0...3000 m

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	91.000 cm
Package 1 Width	29.000 cm
Package 1 Length	49.500 cm
Package 1 Weight	65.862 kg
Unit Type of Package 2	PAM
Number of Units in Package 2	8
Package 2 Height	110.000 cm
Package 2 Width	100.000 cm

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Package 2 Length	120.000 cm
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Package 2 Weight	526.896 kg
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## Contractual warranty

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Warranty (in months)	24
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



### Environmental footprint

[Environmental Disclosure](#)

[Product Environmental Profile](#)

## Use Better



### Materials and Substances

Packaging made with recycled cardboard

Yes

Packaging without single use plastic

No

[EU RoHS Directive](#)

Compliant

SCIP Number

409c68a1-39a6-4e5f-b080-12befe783ad8

REACH Regulation

[REACH Declaration](#)

## Use Longer



### Lifetime extension

Repair

No

## Use Again



### Repack and remanufacture

End of life manual availability

[End of Life Information](#)

Take-back

No

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Image of product / Alternate images

Alternative

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