

# Product datasheet

Specifications



APC Easy UPS On-Line, 6kVA/  
6kW, Lithium-ion, Rack/Tower 5U,  
230V, 1 Hard wire (1P+N+E)  
outlet, Intelligent Card Slot,  
Extended runtime, W/ rail kit

SRVL6KRILRK

## Overview

**Presentation** Double-conversion On-line UPS with Lithium-ion battery to scalable runtime. Ideal UPS for essential power protection needs even in the most unstable power conditions.

## Main

<b>Main input voltage</b>	230 V AC 1 phase
<b>Other input voltage</b>	230 V
<b>Efficiency at full load</b>	186...300 V full load 120...300 V 60 % load
<b>Input connection</b>	1 hard wire 3-wire (1P + N + E)
<b>Input frequency</b>	40...70 Hz auto sensing
<b>Output voltage</b>	230 V AC 1 phase
<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 connection</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>Maximum configurable power in VA</b>	6000 VA
<b>Maximum configurable power in W</b>	6000 W
<b>UPS topology</b>	On-Line
<b>Waveform type</b>	Sine wave
<b>Efficiency</b>	93.5 % (full load)
<b>Output frequency</b>	50/60 Hz +/- 4 Hz sync to mains

## Graphs

<b>Run Time</b>	<a href="#">View Runtime Graph</a>
<b>Efficiency</b>	<a href="#">View Efficiency Graph</a>

## Complementary

<b>Battery type</b>	Li-Ion (Lithium-Ion) external included
<b>Control panel</b>	Multifunction LCD status and control console

<b>Emergency power off</b>	Yes
<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 rating</b>	600 J
<b>Number of rack unit</b>	5U
<b>Color</b>	Black with silver front bezel
<b>Height</b>	217 mm
<b>Width</b>	438 mm
<b>Depth</b>	685 mm
<b>Product weight</b>	69.2 kg
<b>USB compatible</b>	Yes
<b>Mounting position</b>	Horizontal and vertical
<b>Mounting mode</b>	Rack-mounted with included kit
<b>Provided equipment</b>	Basic UPS signalling RS-232 cable USB cable RJ45 cable RJ11 cable Battery cable Grounding cable Rack mounting brackets Stabilization feet User manual Safety guide
<b>Range of product</b>	Easy UPS On-Line
<b>Product or component type</b>	Uninterruptible power supply (UPS)

## Environment

<b>Product certification</b>	CB CE UKCA RCM IRAM TISI UN 38.3 IEC 62619
<b>Ambient air temperature for operation</b>	0...40 °C
<b>Ambient air temperature for storage</b>	-20...50 °C
<b>Storage altitude</b>	0...15000 m
<b>IP protection</b>	IP20
<b>Relative humidity</b>	0...95 % non-condensing
<b>Storage relative humidity</b>	0...95 % non-condensing
<b>Acoustic level</b>	57.3 dBA
<b>Heat dissipation</b>	1780 Btu/h
<b>Operating altitude</b>	0...3000 m

## Batteries & Runtime

<b>Battery type</b>	Li-Ion (Lithium-Ion)
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Battery voltage	48 V
Extendable runtime	1
Included battery module	0
Empty battery slot	0
Typical recharge time	5 h
Battery design life	8...10 year(s)
Battery charging power	1500 W
Battery power in VAh	4510 VAh runtime

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	65.2 cm
Package 1 Width	60 cm
Package 1 Length	80 cm
Package 1 Weight	85.9 kg

## Logistical informations

Country of origin	CN
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## Contractual warranty

Warranty (in months)	36 UPS 60 Battery
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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

Total lifecycle Carbon footprint	789 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	395 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	27 kg CO2 eq.
Carbon footprint of the installation phase [A5]	30 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	300 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	37 kg CO2 eq.

## Use Better



### Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	780cb2d6-f852-4c3c-987f-e705629194ca
EU RoHS Directive	<a href="#">Compliant By Exemption</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>

## Use Longer



### Lifetime extension

Repair	No
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## Use Again



### Repack and remanufacture

Recyclability potential, in %	48
End of life manual availability	<a href="#">End of Life Information</a>
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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