

# 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/O rail kit

SRVL6KRIL

## 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.

**Lead time** Usually in Stock

## Main

**Main Input Voltage** 230 V AC 1 phase

**Input voltage** 230 V

**Input voltage limits** 186...300 V full load  
120...300 V 60 % load

**Number of input connectors** 1 hard wire 3-wire (1P + N + E)

**Network frequency** 40...70 Hz auto sensing

**Output voltage** 230 V AC 1 phase

**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) for 1 zone(s)

**Bypass type** Internal bypass (automatic and manual)

**Crest factor** 3 : 1

**Maximum configurable power in VA** 6000 VA

**Maximum configurable power in W** 6000 W

**UPS type** Double conversion online

**Wave type** Sine wave

**Efficiency** 93.5 % (full load)

**Output frequency** 50/60 Hz +/- 4 Hz sync to mains

## Complementary

**Battery type** Li-Ion (Lithium-Ion)

**Battery voltage** 48 V

**Extended runtime** 1

**Number of battery filled slots** 0

**Number of battery free slots** 0

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

|  |   |
|--|---|
| <b>Battery recharge time</b>               | 5 h   |
| <b>Battery design life</b>                 | 8...10 year(s)  |
| <b>Battery charger power</b>               | 1500 W  |
| <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<br>USB port<br>Available expansion slot   |
| <b>Surge energy rate</b>                   | 600 J   |
| <b>Number of rack unit</b>                 | 5U  |
| <b>Colour</b>                              | Black with silver front bezel   |
| <b>Height</b>                              | 217 mm  |
| <b>Width</b>                               | 438 mm  |
| <b>Depth</b>                               | 685 mm  |
| <b>Net weight</b>                          | 69.2 kg   |
| <b>USB compatible</b>                      | Yes   |
| <b>Mounting position</b>                   | Horizontal and vertical   |
| <b>Mounting mode</b>                       | Rack-mounted with kit sold separately   |
| <b>Provided equipment</b>                  | Basic UPS signalling RS-232 cable<br>USB cable<br>RJ45 cable<br>RJ11 cable<br>Battery cable<br>Grounding cable<br>Rack mounting brackets<br>Stabilization feet<br>User manual<br>Safety guide |
| <b>Number of power module filled slots</b> | 0   |
| <b>Number of power module free slots</b>   | 0   |
| <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>                | 20 W  |
| <b>Curve equation</b>                      | Efficiency  |
| <b>Curve load maximum</b>                  | 100 %   |
| <b>Curve X-axis maximum</b>                | 100 %   |
| <b>Curve X-axis minimum</b>                | 0 %   |
| <b>Curve X-axis title</b>                  | Load  |
| <b>Curve X-axis units</b>                  | Percentage  |
| <b>Curve Y-axis maximum</b>                | 100 %   |
| <b>Curve Y-axis minimum</b>                | 50 %  |
| <b>Curve Y-axis title</b>                  | Efficiency  |
| <b>Curve Y-axis units</b>                  | Percentage  |

|                             |  |
|-----------------------------|--|
| <b>Graph display</b>        | 1  |
| <b>Battery curve</b>        | L1   |
| <b>Battery power in VAH</b> | 4510 VAh runtime                                     |
| <b>Battery option</b>       | SRVL48RMBP3U 1 10176 VAh<br>SRVL48RMBP3U 2 15552 VAh |

## Environment

|  |   |
|--|---|
| <b>Product certifications</b>                | CB<br>CE<br>UKCA<br>RCM<br>IRAM<br>TISI<br>UN 38.3<br>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 degree of 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>Operating altitude</b>                    | 0...3000 m  |

## Packing Units

|                                     |         |
|-------------------------------------|---------|
| <b>Unit Type of Package 1</b>       | PCE     |
| <b>Number of Units in Package 1</b> | 1       |
| <b>Package 1 Height</b>             | 65.2 cm |
| <b>Package 1 Width</b>              | 60 cm   |
| <b>Package 1 Length</b>             | 80 cm   |
| <b>Package 1 Weight</b>             | 85.9 kg |

## Contractual warranty

|                             |                   |
|-----------------------------|-------------------|
| <b>Warranty (in months)</b> | 36 UPS 60 Battery |
|-----------------------------|-------------------|



## 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 >](#)

### Use Better



#### Materials and Substances

Packaging made with recycled cardboard

No

Packaging without single use plastic

No

[EU RoHS Directive](#)

Compliant with Exemptions

### Use Longer



#### Lifetime extension

Repair

No

### Use Again



#### Repack and remanufacture

Take-back

No

Image of product / Alternate images

Alternative

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