

# Product datasheet

Specifications



## Easy UPS On-Line SRVS 6000VA 230V Extended Runtime Model, No Battery

SRVSPM6KIL

**Price: 26,835.31 ZAR**

### Overview

**Presentation** For small to medium businesses, Easy UPS 1 Ph On-Line provides essential power protection for unstable power conditions, ensuring consistent and reliable connectivity at the most critical moments.

**Lead time** Usually in Stock

### Main

|   |  |
|---|--|
| <b>Main Input Voltage</b>               | 230 V AC 1 phase                               |
| <b>Input voltage</b>                    | 220 V<br>240 V                                 |
| <b>Input voltage limits</b>             | 110...300 V half load<br>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<br>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>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>                   | External battery system                                  |
| <b>Additional information</b>         | Configurable for 220 : 230 or 240 nominal output voltage |
| <b>Battery voltage</b>                | 240 V  |
| <b>Extended runtime</b>               | 1  |
| <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 charger power</b>               | 1170 W rated  |
| <b>Battery type</b>                        | Lead-acid external sold separately  |
| <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<br>USB port<br>Available expansion slot   |
| <b>Surge energy rate</b>                   | 600 J   |
| <b>Colour</b>                              | Black (RAL 7010)  |
| <b>Height</b>                              | 336 mm  |
| <b>Width</b>                               | 190 mm  |
| <b>Depth</b>                               | 374 mm  |
| <b>Net weight</b>                          | 13 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 1Ph On-Line  |
| <b>Product or component type</b>           | Uninterruptible power supply (UPS)  |
| <b>Curve equation</b>                      | Efficiency  |
| <b>Curve fixed loss</b>                    | 0.0202  |
| <b>Curve load maximum</b>                  | 100 %   |
| <b>Curve load minimum</b>                  | 3 %   |
| <b>Curve proportional loss</b>             | -0.0054   |
| <b>Curve square loss</b>                   | 0.0529  |
| <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  |
| <b>Curve X-axis units</b>                  | Percentage  |
| <b>Curve Y-axis maximum</b>                | 100 %   |
| <b>Curve Y-axis minimum</b>                | 50 %  |

|                          |            |
|--------------------------|------------|
| Curve Y-axis title       | Efficiency |
| Curve Y-axis units       | Percentage |
| Graph display            | 2          |
| Show note OP temperature | No         |
| Battery curve            | B          |
| Liquid value             | 0          |
| Battery design life      | 2 year(s)  |
| UPS design life          | 3 year(s)  |
| UPS size                 | S          |

## Environment

|                                       |  |
|---------------------------------------|--|
| Product certifications                | CE<br>UKCA   |
| Standards                             | EN/IEC 62040-1:2019/A11:2021<br>EN/IEC 62040-2:2006/AC:2006<br>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             | 29.000 cm  |
| Package 1 Width              | 46.000 cm  |
| Package 1 Length             | 49.100 cm  |
| Package 1 Weight             | 16.000 kg  |
| Unit Type of Package 2       | P12        |
| Number of Units in Package 2 | 6          |
| Package 2 Height             | 110.000 cm |
| Package 2 Width              | 80.000 cm  |
| Package 2 Length             | 120.000 cm |
| Package 2 Weight             | 104.783 kg |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 24 |
|----------------------|----|



## 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 3162

Environmental Disclosure [Product Environmental Profile](#)

## Use Better



### Materials and Substances

Packaging made with recycled cardboard No

Packaging without single use plastic No

[EU RoHS Directive](#) Compliant

SCIP Number 8c493f2b-82c6-495f-a54a-f7d594e2b537

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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Runtime estimates for Easy UPS SRVSPM6KIL Extended Runtime

| Load                               | 600 W             | 1,500 W    | 3,000 W       | 4,500 W       | 6,000 W       |
|------------------------------------|-------------------|------------|---------------|---------------|---------------|
| Power Module + No of Battery Packs | Estimated Runtime |            |               |               |               |
| SRVSPM6KIL                         | 0                 | 0          | 0             | 0             | 0             |
| SRVSPM6KIL + (1) SRVS240BP-9A      | 1 h 54 min        | 41 min     | 17 min 58 sec | 10 min 29 sec | 6 min 49 sec  |
| SRVSPM6KIL + (2) SRVS240BP-9A      | 4 h 7 min         | 1 h 31 min | 41 min        | 25 min 51 sec | 18 min 4 sec  |
| SRVSPM6KIL + (3) SRVS240BP-9A      | 6 h 27 min        | 2 h 24 min | 1 h 6 min     | 41 min        | 29 min 52 sec |
| SRVSPM6KIL + (4) SRVS240BP-9A      | 8 h 50 min        | 3 h 18 min | 1 h 32 min    | 58 min        | 42 min        |
| SRVSPM6KIL + (5) SRVS240BP-9A      | 11 h 18 min       | 4 h 14 min | 1 h 58 min    | 1 h 15 min    | 54 min        |

Runtime in the table are approximate only. An measurement taken with new, fully charged batteries, at typical environmental conditions, with no electrical input and DC output reactive load (PF = 1.0) output.



