

# Product datasheet

Specifications



## APC Easy UPS On-Line SRV Ext. Runtime 10000VA 230V with External Battery Pack

SRV10KIL

### 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>Product or component type</b> | Uninterruptible power supply (UPS)   |
| <b>Other Input Voltage</b>       | 220 V<br>240 V   |
| <b>Main Output Voltage</b>       | 230 V  |
| <b>Other Output Voltage</b>      | 220 V<br>240 V   |
| <b>Rated power in W</b>          | 10000 W  |
| <b>Rated power in VA</b>         | 10000 VA   |
| <b>Output connector type</b>     | Hard wire 3-wire (1P + N + E) 1  |
| <b>Provided equipment</b>        | 1 USB cable<br>1 RS-232 configuration cable<br>1 external battery pack<br>1 battery cable<br>user manual |

### Batteries & Runtime

|                                       |  |
|---------------------------------------|--|
| <b>Battery type</b>                   | Lead-acid battery  |
| <b>Battery voltage</b>                | 240 V  |
| <b>Number of battery filled slots</b> | 0  |
| <b>Number of battery free slots</b>   | 0  |
| <b>Battery recharge time</b>          | 5 h  |
| <b>Battery life</b>                   | 3...5 year(s)  |
| <b>Battery charger power</b>          | 1170 W rated   |
| <b>Battery option</b>                 | SRV240BP-9A 1 3024 VAh<br>SRV240BP-9A 2 4536 VAh<br>SRV240BP-9A 3 6048 VAh<br>SRV240BP-9A 4 7560 VAh |

## General

|                                     |    |
|-------------------------------------|----|
| Number of power module filled slots | 0  |
| Number of power module free slots   | 0  |
| Redundant                           | No |

## Physical

|                     |                    |
|---------------------|--------------------|
| Colour              | Black (RAL 7010)   |
| Height              | 36.8 cm            |
| Width               | 38 cm              |
| Depth               | 48.5 cm            |
| Net weight          | 76.5 kg            |
| Mounting location   | Front              |
| Mounting preference | No preference      |
| Mounting mode       | Not rack-mountable |
| USB compatible      | Yes                |
| Mounting position   | Vertical           |

## Input

|                            |  |
|----------------------------|--|
| Input voltage limits       | 110...300 V 60 % load<br>176...300 V full load |
| Number of input connectors | 1 hard wire 3-wire (1P + N + E)                |
| Network frequency          | 40...70 Hz auto sensing                        |

## Output

|                                  |  |
|----------------------------------|--|
| Maximum configurable power in VA | 10000 VA   |
| Maximum configurable power in W  | 10000 W  |
| Output frequency                 | 50/60 Hz +/- 3 Hz sync to mains                          |
| Harmonic distortion              | 1 %  |
| UPS type                         | Double conversion online                                 |
| Wave type                        | Sine wave  |
| Efficiency                       | 94 % (full load)   |
| Additional information           | Configurable for 220 : 230 or 240 nominal output voltage |
| Bypass type                      | Internal bypass (automatic and manual)                   |
| Crest factor                     | 3 : 1  |

## Conformance

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

## Environmental

|                                       |                         |
|---------------------------------------|-------------------------|
| Ambient air temperature for operation | 0...40 °C               |
| Relative humidity                     | 0...95 % non-condensing |
| Operating altitude                    | 0...3000 m              |
| Ambient air temperature for storage   | -15...60 °C             |
| Storage Relative Humidity             | 0...95 % non-condensing |
| Storage altitude                      | 0...15000 m             |
| Acoustic level                        | 58 dB                   |
| Heat dissipation                      | 2128 Btu/h              |
| IP degree of protection               | IP20                    |

## Communications & Management

|                     |  |
|---------------------|--|
| Alarm               | Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm |
| Emergency power off | Yes  |
| Free slots          | 1  |
| Control panel       | Multifunction LCD status and control console   |

## Surge Protection and Filtering

|                   |       |
|-------------------|-------|
| Surge energy rate | 600 J |
|-------------------|-------|

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Height             | 46 cm   |
| Package 1 Width              | 57 cm   |
| Package 1 Length             | 58 cm   |
| Package 1 Weight             | 82.5 kg |

## Offer Sustainability

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

## Contractual warranty

|          |                           |
|----------|---------------------------|
| Warranty | 2 years repair or replace |
|----------|---------------------------|

## Recommended replacement(s)