# Product datasheet

Specifications



## APC Easy UPS On-Line, 2000VA/ 1800W, Rackmount 2U, 230V, 4x IEC C13 outlets, Intelligent Card Slot, LCD, W/ rail kit

SRV2KRIRK-E

## Overview

| | |
|---|---|
| **Presentation** | High quality, Double-conversion On-line UPS designed for essential power protection needs even in the most unstable power conditions. |

## Main

| | |
|---|---|
| **Main input voltage** | 230 V AC 1 phase |
| **Other input voltage** | 220 V<br>240 V |
| **Input connection** | IEC 60320 C14 |
| **Efficiency at full load** | 110...285 V 40% load<br>180...285 V full load |
| **Input frequency** | 40...70 Hz auto sensing |
| **Output voltage** | 230 V AC 1 phase |
| **Other output voltage** | 220 V<br>240 V |
| **Rated power in W** | 1800 W |
| **Rated power in VA** | 2000 VA |
| **Output connection** | 4 IEC 60320 C13 |
| **Bypass type** | Internal bypass (automatic and manual) |
| **Crest factor** | 3 : 1 |
| **Harmonic distortion** | 3 % |
| **Maximum configurable power in VA** | 2000 VA |
| **Maximum configurable power in W** | 1800 W |
| **UPS topology** | On-Line |
| **Waveform type** | Sine wave |
| **Efficiency** | 88 % (full load) |
| **Output frequency** | 50/60 Hz +/- 3 Hz sync to mains |
| **Replacement battery** | APCRBCV201 |

## Graphs

| | |
|---|---|
| **Run Time** | View Runtime Graph |
| **Efficiency** | View Efficiency Graph |

## Complementary

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|---|---|
| **Additional information** | Configurable for 220 : 230 or 240 nominal output voltage |
| **Battery type** | Lead-acid internal included |
| **Control panel** | Multifunction LCD status and control console |
| **Free slot** | 1 |
| **Alarm** | Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm |
| **UPS connectivity** | Serial port<br>USB port<br>Available expansion slot |
| **Surge energy rating** | 945 J |
| **Number of rack unit** | 2U |
| **Cable length** | 1.5 m |
| **Number of cables** | 1 |
| **Color** | Black (RAL 7010) |
| **Height** | 86 mm |
| **Width** | 438 mm |
| **Depth** | 462 mm |
| **Product weight** | 18.8 kg |
| **Mounting location** | Front |
| **Mounting preference** | Lower |
| **Mounting mode** | Rack-mounted |
| **USB compatible** | Yes |
| **Mounting position** | Horizontal |
| **Mounting mode** | Rack-mounted with included kit |
| **Max runtime** | 3 min |
| **Number of power module filled slots** | 0 |
| **Number of power module free slots** | 0 |
| **Redundant** | No |
| **Range of product** | Easy UPS On-Line |
| **Product or component type** | Uninterruptible power supply (UPS) |

# Environment

| | |
|---|---|
| **Product certification** | CE<br>UKCA<br>TISI |
| **Standard** | 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** | -20…50 °C |
| **Storage altitude** | 0…15000 m |
| **IP protection** | IP20 |
| **Relative humidity** | 0…95 % non-condensing |
| **Storage relative humidity** | 0…95 % non-condensing |

| | |
|---|---|
| **Acoustic level** | 50 dBA |
| **Heat dissipation** | 759 Btu/h |
| **Operating altitude** | 0...3000 m |

## Batteries & Runtime

| | |
|---|---|
| **Battery type** | Lead-acid battery |
| **Battery voltage** | 48 V |
| **Extendable runtime** | 0 |
| **Included battery module** | 0 |
| **Empty battery slot** | 0 |
| **Typical recharge time** | 4 h |
| **Battery life** | 3…5 year(s) |
| **Battery charging power** | 70 W rated |
| **Battery power in VAh** | 367 VAh runtime |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Number of Units in Package 1** | 1 |
| **Package 1 Height** | 42.000 cm |
| **Package 1 Width** | 60.000 cm |
| **Package 1 Length** | 80.000 cm |
| **Package 1 Weight** | 30.990 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 | **1 076 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **336 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **0 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **4 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **6 869 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **0.9 kg CO2 eq.** |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **No** |
| Packaging without single use plastic | **No** |
| EU RoHS Directive | Compliant |
| REACh Regulation | Reference contains Substances of Very High Concern above the threshold |

## Use Longer

### Lifetime extension

| | |
|---|---|
| Repair | **No** |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **58** |
| 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**




APC
Easy UPS
230

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