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APC SRV10KRILRK UNINTERRUPTIBLE POWER SUPPLY

APC SRV10KRILRK Uninterruptible Power Supply Specifications and Datasheet

Contents

APC SRV10KRILRK Uninterruptible Power Supply

Product datasheet Specifications

APC Easy UPS On-Line, 10kVA/ 10kW, Rackmount 5U, 230V, Hardwire 3-wire(1P+N+E) outlet, Intelligent Card Slot, LCD, Extended Runtime, W/ Rail Kit

SRV10KRILRK

Even in the most erratic power situations, the APC SRV10KRILRK is a sturdy and dependable Uninterruptible Power Supply (UPS) made to fulfil vital power protection requirements. The superior double-conversion On-line architecture of this UPS guarantees a steady and pure power supply to vital electronic devices.

Overview

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

Main

- **Main Input Voltage:** 230 V
- **Other Input Voltage Options:** 220 V, 240 V
- **Main Output Voltage:** 230 V
- **Other Output Voltage Options:** 220 V, 240 V
- **Rated Power In W:** 10,000 W
- **Rated Power In VA:** 10,000 VA
- **Output Connector Type:** Hardwire 3-wire (1P + N + E)
- **Number Of Rack Units:** 5U

Provided Equipment

- 1 USB cable
- 1 RS-232 configuration cable
- 2 rack mounting brackets
- 2 rack mounting support rails
- 1 external battery pack
- 1 battery cable
- User manual

Batteries & Runtime

- **Run Time:** View Runtime Graph
- **Efficiency:** View Efficiency Graph
- **Battery Type:** Lead-acid battery
- **Battery Voltage:** 240 V
- **Number Of Battery Filled Slots:** 0
- **Number Of Battery Free Slots:** 0
- **Battery Recharge Time:** 5 hours
- **Battery Life:** 3 to 5 years
- **Battery Charger Power:** 1,170 W rated

General

- **Number Of Power Module Filled Slots:** 0
- **Number Of Power Module Free Slots:** 0
- **Redundant:** No

Physical

- **Colour:** Black (RAL 7010)
- **Height:** 22 cm
- **Width:** 43.8 cm
- **Depth:** 61.5 cm
- **Net Weight:** 78 kg
- **Mounting Location:** Front
- **Mounting Preference:** Lower
- **Mounting Mode:** Rack-mounted
- **USB Compatible:** Yes
- **Mounting Position:** Horizontal

Input

- **Input Voltage Limits:** 110…300 V (60% load), 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:** 10,000 VA
- **Maximum Configurable Power In W:** 10,000 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, UKCA, EAC, TISI
- **Standards:** EN/IEC 62040-1:2019/A11:2021, EN/IEC 62040-2:2006/AC:2006, 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 dBA
- **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:** 4
- **Package Height:** 49 cm
- **Package Width:** 60 cm
- **Package Length:** 87 cm
- **Package Weight:** 88 kg

Contractual Warranty

- **Warranty:** 2 years repair or replace

Sustainability

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO2 products.

Key Features:

- **Capacity:** With 10,000 VA (volt-amperes) and 10,000 W (watts), the SRV10KRILRK has a large capacity that makes it ideal for demanding power needs.
- **Double-Conversion On-Line UPS:** It uses a double-conversion On-Line UPS design to protect against intermittent power problems like blackouts, sags, surges, and other issues.
- **Options for Input and Output Voltage:** The UPS is flexible because it has options for input and output voltage at 230 V, as well as options at 220 V and 240 V, so it can work in a range of power settings.
- **Rackmount Design:** The UPS is intended to fit easily into standard server racks because it has a 5U rackmount form factor. This saves floor space.
- **Extended Runtime:** The UPS has the ability to run for longer periods of time, which makes sure that there is a steady power source during power outages and keeps important systems running.
- **Type of Battery and How Long It Lasts:** The UPS uses a lead-acid battery to store energy safely, and the battery lasts for 3 to 5 years. It takes about 5 hours to fully charge the battery.
- **Efficient and Flexible:** The UPS is very efficient; at full load, it has a grade of 94%. The standard output voltage can be set to 220 V, 230 V, or 240 V.
- **Communication and Management:** The UPS has an LCD status and control panel that can do many things. This makes management easy for anyone. It also has alarms that go off when different things happen, like when the battery is low or full.
- **Standards and certifications:** UPS follows international standards EN/IEC 62040-2:2006/AC:2006 and EN/IEC 62040-2:2018 and has product certifications from CE, UKCA, EAC, and TISI. However, it does not follow ISO 9001:2015.
- **Thoughts on the Environment:** Because it can work in air temperatures ranging from 0 to 40 °C, the UPS is made to work in a variety of settings. It also has IP20 protection against dust and other things that might get in.
- The APC SRV10KRILRK Uninterruptible Power Supply comes with a 2-year warranty that gives you peace of mind and help for the product.

Learn more about Green Premium

Transparency RoHS/REACh

Well-being performance

- Mercury Free
- Rohs Exemption Information: **Yes**

Certifications & Standards

- **Reach Regulation: REACh Declaration**
- **Eu Rohs Directive:** Compliant with Exemptions
- **Environmental Disclosure: Product Environmental Profile**
- **Circularity Profile: End of Life Information**

Frequently Asked Questions

What is the capacity of APC SRV10KRILRK UPS?

The UPS has a capacity of 10,000 VA (volt-amperes) and 10,000 W (watts).

What type of UPS is the SRV10KRILRK?

The UPS is a Double-conversion On-Line UPS.

What are the input voltage options for APC SRV10KRILRK UPS?

The main input voltage is 230 V, with other options of 220 V and 240 V.

What are the output voltage options for APC SRV10KRILRK UPS?

The main output voltage is 230 V, with other options of 220 V and 240 V.

What is the battery type used in APC SRV10KRILRK UPS?

The UPS uses a lead-acid battery.

How long is the runtime of the APC SRV10KRILRK UPS?

The runtime can be viewed on the Runtime Graph.

What is the efficiency of the APC SRV10KRILRK UPS?

The efficiency can be viewed on the Efficiency Graph, and it is 94% at full load.

What are the communication and management features in APC SRV10KRILRK?

The UPS has alarms for on-battery status, low battery, and overload, as well as an Emergency Power Off feature. It also includes a multifunction LCD status and control console.

What are the dimensions and weight of the APC SRV10KRILRK UPS?

The UPS has a height of 22 cm, width of 43.8 cm, depth of 61.5 cm, and a net weight of 78 kg.

Is the APC SRV10KRILRK UPS rack-mounted?

Yes, the UPS is designed to be rack-mounted.

What are the input voltage limits for the APC SRV10KRILRK UPS?

The input voltage limits are 110...300 V at 60% load and 176...300 V at full load.

What is the ambient air temperature range for operation of APC SRV10KRILRK?

The ambient air temperature for operation is 0…40 °C.

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References

- **[User Manual](#)**