

# Product datasheet

Specifications



APC Easy UPS On-Line, 20kVA/  
20kW, Rackmount 9U, 230V, Hard  
wire 3-wire(1P+N+E) outlet,  
Intelligent Card Slot, LCD,  
Extended Runtime, W/ Rail Kit

SRV20KRILRK

## Overview

Lead time Usually Ships within 4 Weeks

## Main

Main Input Voltage	230 V AC 415 V AC
Product or component type	Uninterruptible power supply (UPS)
Other Input Voltage	220 V 230 V 415 V
Main Output Voltage	230 V
Other Output Voltage	220 V 240 V
Rated power in W	20000 W
Rated power in VA	20000 VA
Output connector type	Hard wire 3-wire (1P + N + E) 1
Number of rack unit	9U
Provided equipment	1 USB cable 1 RS-232 configuration cable 3 rack mounting brackets 3 stabilization/wall mounting feet 6 jumper bar 2 external battery pack 1 battery cable user manual
Range of product	Easy UPS On-Line

## Batteries & Runtime

Run Time	<a href="#">View Runtime Graph</a>
Efficiency	<a href="#">View Efficiency Graph</a>
Battery type	Lead-acid battery
Battery voltage	+/- 120 V
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	6 h
Battery charger power	2340 W rated

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

## General

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Redundant	No
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## Physical

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Colour	Black (RAL 7010)
Height	39.3 cm
Width	43.8 cm
Depth	69.0 cm
Net weight	157 kg
Mounting location	Front
Mounting preference	No preference
Mounting mode	Rack-mounted
USB compatible	Yes
Mounting position	Horizontal

## Input

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Input voltage limits	110...300 V half load 176...300 V full load
Number of input connectors	1 hard wire 3-wire (1P + N + E) 1 hard wire 5-wire (3P + N + E)
Network frequency	40...70 Hz auto sensing

## Output

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Maximum configurable power in VA	20000 VA
Maximum configurable power in W	20000 W
Output frequency	50/60 Hz +/- 3 Hz sync to mains
Harmonic distortion	2 %
UPS type	Double conversion online
Wave type	Sine wave
Efficiency	95 % (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

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Product certifications	CE UKCA
Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018

## Environmental

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Ambient air temperature for operation	0...40 °C
Relative humidity	0...95 % non-condensing

Operating altitude	0...3000 m
Ambient air temperature for storage	-20...60 °C
Storage Relative Humidity	0...95 % non-condensing
Storage altitude	0...15000 m
Acoustic level	65 dBA
Heat dissipation	3712 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
Control panel	Multifunction LCD status and control console

## Surge Protection and Filtering

Surge energy rate	600 J
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## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1000 mm
Package 1 Width	900 mm
Package 1 Length	600 mm
Package 1 Weight	196 kg

## Contractual warranty

Warranty	2 years repair or replace
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## Sustainability

**Green Premium™ 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-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

## Well-being performance

Mercury Free

RoHS Exemption Information Yes

## Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu RoHS Directive Compliant  
[EU RoHS Declaration](#)

China RoHS Regulation [China RoHS declaration](#)  
Product out of China RoHS scope. Substance declaration for your information

Environmental Disclosure [Product Environmental Profile](#)

Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile [End of Life Information](#)

Image of product / Alternate images

Alternative

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