

# 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 1 phase 400 V AC 3 phases
Input voltage	220 V 230 V 415 V
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 voltage	230 V AC 1 phase
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) for 1 zone(s)
Bypass type	Internal bypass (automatic and manual)
Crest factor	3 : 1
Harmonic distortion	2 %
Maximum configurable power in VA	20000 VA
Maximum configurable power in W	20000 W
UPS type	On-Line
Wave type	Sine wave
Efficiency	95 % (full load)
Output frequency	50/60 Hz +/- 3 Hz sync to mains

## Complementary

Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Battery type	Lead-acid external included
Control panel	Multifunction LCD status and control console
Emergency power off	Yes



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

<b>Alarm</b>	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
<b>UPS connectivity</b>	Serial port USB port Available expansion slot
<b>Surge energy rate</b>	600 J
<b>Number of rack unit</b>	9U
<b>Colour</b>	Black (RAL 7010)
<b>Height</b>	393 mm
<b>Width</b>	438 mm
<b>Depth</b>	690 mm
<b>Net weight</b>	157 kg
<b>Mounting location</b>	Front
<b>Mounting preference</b>	No preference
<b>Mounting mode</b>	Rack-mounted
<b>USB compatible</b>	Yes
<b>Mounting position</b>	Horizontal
<b>Mounting mode</b>	Rack-mounted with included kit
<b>Redundant</b>	No
<b>Range of product</b>	Easy UPS On-Line
<b>Product or component type</b>	Uninterruptible power supply (UPS)

## Environment

<b>Product certifications</b>	CE UKCA
<b>Standards</b>	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
<b>Ambient air temperature for operation</b>	0...40 °C
<b>Ambient air temperature for storage</b>	-20...60 °C
<b>Storage altitude</b>	0...15000 m
<b>IP degree of protection</b>	IP20
<b>Relative humidity</b>	0...95 % non-condensing
<b>Storage Relative Humidity</b>	0...95 % non-condensing
<b>Acoustic level</b>	65 dBA
<b>Heat dissipation</b>	3712 Btu/h
<b>Operating altitude</b>	0...3000 m

## Batteries & Runtime

<b>Run Time</b>	<a href="#">View Runtime Graph</a> 
<b>Efficiency</b>	<a href="#">View Efficiency Graph</a> 
<b>Battery type</b>	Lead-acid battery
<b>Battery voltage</b>	+/- 120 V

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<b>Extended runtime</b>	1
<b>Number of battery filled slots</b>	0
<b>Number of battery free slots</b>	0
<b>Battery recharge time</b>	6 h
<b>Battery charger power</b>	2340 W rated

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## Packing Units

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<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	100 cm
<b>Package 1 Width</b>	90 cm
<b>Package 1 Length</b>	60 cm
<b>Package 1 Weight</b>	196 kg

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## Contractual warranty

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<b>Warranty (in months)</b>	24
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## 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 >](#)

### Use Better

<b>Materials and Substances</b>	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
<a href="#">EU RoHS Directive</a>	Compliant
REACH Regulation	<a href="#">REACH Declaration</a>

### Use Longer

<b>Lifetime extension</b>	
Repair	No

### Use Again

<b>Repack and remanufacture</b>	
End of life manual availability	<a href="#">End of Life Information</a>
Take-back	No

Image of product / Alternate images

Alternative

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