

# 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

**Price: 160,540.00 ZAR**

## Overview

**Lead time** Usually Ships within 4 Weeks

## Main

<b>Main Input Voltage</b>	230 V AC 1 phase 400 V AC 3 phases
<b>Input voltage</b>	220 V 230 V 415 V
<b>Input voltage limits</b>	110...300 V half load 176...300 V full load
<b>Number of input connectors</b>	1 hard wire 3-wire (1P + N + E) 1 hard wire 5-wire (3P + N + E)
<b>Network frequency</b>	40...70 Hz auto sensing
<b>Output voltage</b>	230 V AC 1 phase
<b>Output voltage</b>	220 V 240 V
<b>Rated power in W</b>	20000 W
<b>rated power in VA</b>	20000 VA
<b>Output connector type</b>	Hard wire 3-wire (1P + N + E) for 1 zone(s)
<b>Bypass type</b>	Internal bypass (automatic and manual)
<b>Crest factor</b>	3 : 1
<b>Harmonic distortion</b>	2 %
<b>Maximum configurable power in VA</b>	20000 VA
<b>Maximum configurable power in W</b>	20000 W
<b>UPS type</b>	Double conversion online
<b>Wave type</b>	Sine wave
<b>Efficiency</b>	95 % (full load)
<b>Output frequency</b>	50/60 Hz +/- 3 Hz sync to mains

## Complementary

<b>Battery type</b>	Lead-acid battery
<b>Additional information</b>	Configurable for 220 : 230 or 240 nominal output voltage
<b>Battery voltage</b>	+/- 120 V

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

<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
<b>Battery type</b>	Lead-acid external included
<b>Control panel</b>	Multifunction LCD status and control console
<b>Emergency power off</b>	Yes
<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

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Heat dissipation	3712 Btu/h
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Operating altitude	0...3000 m
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## Packing Units

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Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	100 cm
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Package 1 Width	90 cm
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Package 1 Length	60 cm
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Package 1 Weight	196 kg
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## Contractual warranty

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Warranty (in months)	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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