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

Main

Main input voltage	230 V AC 1 phase 400 V AC 3 phases
Other input voltage	220 V 230 V 415 V
Efficiency at full load	110...300 V half load 176...300 V full load
Input connection	1 hard wire 3-wire (1P + N + E) 1 hard wire 5-wire (3P + N + E)
Input frequency	40...70 Hz auto sensing
Output voltage	230 V AC 1 phase
Other output voltage	220 V 240 V
Rated power in W	20000 W
Rated power in VA	20000 VA
Output connection	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 topology	On-Line
Waveform type	Sine wave
Efficiency	95 % (full load)
Output frequency	50/60 Hz +/- 3 Hz sync to mains

Graphs

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph

Complementary

Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Battery type	Lead-acid external included

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

Control panel	Multifunction LCD status and control console
Emergency power off	Yes
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
UPS connectivity	Serial port USB port Available expansion slot
Surge energy rating	600 J
Number of rack unit	9U
Color	Black (RAL 7010)
Height	393 mm
Width	438 mm
Depth	690 mm
Product weight	157 kg
Mounting location	Front
Mounting preference	No preference
Mounting mode	Rack-mounted
USB compatible	Yes
Mounting position	Horizontal
Mounting mode	Rack-mounted with included kit
Redundant	No
Range of product	Easy UPS On-Line
Product or component type	Uninterruptible power supply (UPS)

Environment

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

Batteries & Runtime

Battery type	Lead-acid battery
Battery voltage	+/- 120 V
Extendable runtime	1

Included battery module	0
Empty battery slot	0
Typical recharge time	6 h
Battery charging power	2340 W rated
Battery power in VAh	3400 VAh runtime

Packing Units

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

Environmental Disclosure	Product Environmental Profile

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 Again

Repack and remanufacture

End of life manual availability	End of Life Information
Take-back	No

Image of product / Alternate images

Alternative







