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	Double conversion online
Wave type	Sine wave
Efficiency	95 % (full load)
Output frequency	50/60 Hz +/- 3 Hz sync to mains

Complementary

Battery type	Lead-acid battery
Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Battery voltage	+/- 120 V
Extended runtime	1

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Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	6 h
Battery charger power	2340 W rated
Battery type	Lead-acid external included
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 rate	600 J
Number of rack unit	9U
Colour	Black (RAL 7010)
Height	393 mm
Width	438 mm
Depth	690 mm
Net 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 certifications	CE UKCA
Standards	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 degree of 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

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 >

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**No**
EU RoHS Directive	**Compliant**
REACh Regulation	**REACh Declaration**

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

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

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Image of product / Alternate images

Alternative