

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
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

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Battery Type	VRLA
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

General

Redundant	No
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Physical

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

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

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

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

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-CO₂ 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](#)