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

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

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

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

Sustainability

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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