

Product datasheet

Specifications



APC Easy UPS On-Line SRV 20kVA RM 230V with Extended Runtime Battery Pack, 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 (H N + E) 1
Number of rack unit	9U
Provided equipment	Basic UPS signalling RS-232 cable CD with software DC cable Rack mounting brackets User manual USB cable

General

Redundant No

Physical

Colour	Black
Height	39.3 cm
Width	43.8 cm
Depth	69.0 cm
Net weight	157 kg
Mounting preference	No preference
Mounting mode	Rack-mounted with kit
USB compatible	Yes

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

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
Standards	EN/IEC 62040-1 EN/IEC 62040-2

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 dB
Heat dissipation	3712 Btu/h
IP degree of protection	IP20

Batteries & Runtime

Battery type	VRLA
Battery voltage	+/- 120 V
Number of battery filled slots	0
Number of battery free slots	0
Battery option	SRV120RLBP2-9A 1 5180 VAh SRV120RLBP2-9A 2 6900 VAh SRV120RLBP2-9A 3 8585 VAh SRV120RLBP2-9A 4 10400 VAh SRV120RLBP2-9A 5 12080 VAh SRV120RLBP2-9A 6 13900 VAh

Communications & Management

Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Control panel	Multifunction LCD status and control console
Emergency power off	Yes

Surge Protection and Filtering

Surge energy rate	600 J
-------------------	-------

Packing Units

Package 1 Weight	196 kg
Package 1 Height	1000 mm
Package 1 width	600 mm
Package 1 Length	900 mm

Offer Sustainability

REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	2 years repair or replace
----------	---------------------------