

# Product datasheet

Specifications

**APC**



## 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 (1P + N + E) 1

**Number of rack unit** 9U

**Provided equipment**  
1 USB cable  
1 RS-232 configuration cable  
1 rack mounting brackets  
1 stabilization/wall mounting feet  
6 jumper bar  
2 external battery pack  
1 battery cable  
user manual

### General

**Redundant** No

### Physical

**Colour** Black (RAL 7010)

**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

## Input

<b>Input voltage limits</b>	110...300 V half load 176...300 V full load
<b>Number of input connectors</b>	1 hard wire 3-wire (1P + N + E) 1 hard wire 5-wire (3P + N + E)
<b>Network frequency</b>	40...70 Hz auto sensing

## Output

<b>Maximum configurable power in VA</b>	20000 VA
<b>Maximum configurable power in W</b>	20000 W
<b>Output frequency</b>	50/60 Hz +/- 3 Hz sync to mains
<b>Harmonic distortion</b>	2 %
<b>UPS type</b>	Double conversion online
<b>Wave type</b>	Sine wave
<b>Efficiency</b>	95 % (full load)
<b>Additional information</b>	Configurable for 220 : 230 or 240 nominal output voltage
<b>Bypass type</b>	Internal bypass (automatic and manual)
<b>Crest factor</b>	3 : 1

## Conformance

<b>Product certifications</b>	CE
-------------------------------	----

## Environmental

<b>Ambient air temperature for operation</b>	0...40 °C
<b>Relative humidity</b>	0...95 % non-condensing
<b>Operating altitude</b>	0...3000 m
<b>Ambient air temperature for storage</b>	-20...60 °C
<b>Storage Relative Humidity</b>	0...95 % Non-condensing
<b>Storage altitude</b>	0...15000 m
<b>Acoustic level</b>	65 dB
<b>Heat dissipation</b>	3712 Btu/h
<b>IP degree of protection</b>	IP20

## Batteries & Runtime

<b>Battery type</b>	VRLA
<b>Battery voltage</b>	+/- 120 V
<b>Number of battery filled slots</b>	0
<b>Number of battery free slots</b>	0
<b>Battery option</b>	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 SRV120RLBP2-9A 7 15600 VAh SRV120RLBP2-9A 8 17430 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

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

## Offer Sustainability

REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a> 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
----------	---------------------------