



# 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
Product or component type	Uninterruptible power supply (UPS)
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
Range of product	Easy UPS On-Line

### **Batteries & Runtime**

Run Time	View Runtime Graph ☐
Efficiency	View Efficiency Graph ☐
Battery type	Lead-acid battery
Battery voltage	+/- 120 V
Extended runtime	1
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	6 h
Battery charger power	2340 W rated

#### **General**

# **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	110300 V half load 176300 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	4070 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	040 °C
Relative humidity	095 % non-condensing

Operating altitude	03000 m
Ambient air temperature for storage	-2060 °C
Storage Relative Humidity	095 % non-condensing
Storage altitude	015000 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



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

$ \bigcirc $	<b>Environmental</b>	footprint

Environmental Disclosure

Product Environmental Profile

#### **Use Better**

<b>⊗</b> Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant
REACh Regulation	REACh Declaration

#### **Use Again**

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Image of product / Alternate images

**Alternative** 







