

Product datasheet

Specifications



APC Easy UPS On-Line, 20kVA/
20kW, Rackmount 3U, 230V, 1x
Hard wire 3-wire(1P+N+E) outlets,
Intelligent Card Slot, No battery,
W/O rail kit

SRV20KUXI-IN

Overview

Presentation High quality, Double-conversion On-line UPS designed for essential power protection needs even in the most unstable power conditions.

Main

Main input voltage	230 V AC 1 phase 400 V AC 3 phases
Other input voltage	220 V 230 V 415 V
Efficiency at full load	110...300 V half load 176...300 V full load
Input connection	1 hard wire 3-wire (1P + N + E) 1 hard wire 5-wire (3P + N + E)
Input frequency	40...70 Hz auto sensing
Output voltage	230 V AC 1 phase
Other output voltage	220 V 240 V
Rated power in W	20000 W
Rated power in VA	20000 VA
Output connection	Hard wire 3-wire (1P + N + E) for 1 zone(s)
Bypass type	Internal bypass (automatic and manual)
Crest factor	3 : 1
Harmonic distortion	2 %
Maximum configurable power in VA	20000 VA
Maximum configurable power in W	20000 W
UPS topology	On-Line
Waveform type	Sine wave
Efficiency	95 % (full load)
Output frequency	50/60 Hz +/- 3 Hz sync to mains

Graphs

Efficiency

[View Efficiency Graph](#)

Complementary

Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Battery type	Lead-acid external sold separately
Control panel	Multifunction LCD status and control console
Emergency power off	Yes
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
UPS connectivity	Serial port USB port Available expansion slot
Surge energy rating	600 J
Number of rack unit	3U
Color	Black (RAL 7010)
Height	130 mm
Width	438 mm
Depth	749 mm
Product weight	29 kg
Mounting location	Front
Mounting preference	No preference
Mounting mode	Rack-mounted with kit
USB compatible	Yes
Mounting position	Horizontal
Mounting mode	Rack-mounted with kit sold separately
Redundant	No
Range of product	Easy UPS On-Line
Product or component type	Uninterruptible power supply (UPS)

Environment

Product certification	CE
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-20...60 °C
Storage altitude	0...15000 m
IP protection	IP20
Relative humidity	0...95 % non-condensing
Storage relative humidity	0...95 % non-condensing
Acoustic level	65 dBA
Heat dissipation	3712 Btu/h
Operating altitude	0...3000 m

Batteries & Runtime

Battery type	External battery system
Battery voltage	+/- 120 V
Extendable runtime	0

Included battery module	0
Empty battery slot	0
Battery charging power	3536 W rated

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	25 cm
Package 1 Width	87 cm
Package 1 Length	58 cm
Package 1 Weight	35.9 kg

Contractual warranty

Warranty (in months)	24
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Environmental Data

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 >](#)



Environmental footprint

Total lifecycle Carbon footprint	7 095 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	283 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	3 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	9 540 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	3 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	080b8d64-796e-42e7-a17d-31b86e55d143
EU RoHS Directive	Compliant
REACH Regulation	Free of Substances of Very High Concern above the threshold

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	65
Take-back	No

Image of product / Alternate images

Alternative



