

# Product datasheet

Specifications



APC Smart-UPS On-Line, 20kVA/20kW, Rack/Tower, 230V/380V... 415V, Hard wire 5-wire(3P+N+E) +3-wire(1P+N+E), Network Card, W/O rail kit

SRTG20KXLI

**Price: 233,680.00 ZAR**

## Overview

Lead time Usually in Stock

## Main

Main Input Voltage	230 V AC 1 phase 400 V AC 3 phases
Input voltage	380...415 V 220...240 V
Maximum input current	87 A
Input harmonic distortion	Less than 5 % for full load
Load power factor	From 0.9 leading to 1 lagging
Switching current capacity	125 A
Input voltage limits	160...285 V full load 100...285 V half load
Number of input connectors	1 hard wire 5 wire (3P + N + E) 1 hard wire 3-wire (1P + N + E)
Network frequency	40...70 Hz auto-sensing
Output voltage	230 V AC 1 phase 400 V AC 3 phases
Output voltage	230 V
Rated power in W	20000 W
rated power in VA	20000 VA
Output connection type	1 IEC 60320 C19
Output connector type	Hard wire 5 wire (3P + N + E) for 1 zone(s) Hard wire 3-wire (1P + N + E) for 1 zone(s)
Bypass type	Internal bypass (automatic and manual)
Crest factor	3 : 1
Harmonic distortion	Less than 2 %
Maximum configurable power in VA	20000 VA
Maximum configurable power in W	20000 W
Output overload operation	60 seconds at 125% and 30 seconds at 150%
UPS type	Double conversion online
Wave type	Sine wave
Efficiency	94.5 %

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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Output frequency	50/60 Hz +/- 4 Hz sync to mains
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## Complementary

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Battery type	Lead-acid battery
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Additional information	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage Configurable for 220 : 230 or 240 nominal output voltage
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Battery voltage	+/- 192 V
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Extended runtime	1
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Number of battery filled slots	0
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Number of battery free slots	0
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Battery recharge time	4 h
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Number of battery replacement quantity	2
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Battery life	3...5 year(s)
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Battery charger power	2160 W rated
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Battery type	Lead-acid external included
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Emergency power off	Yes
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Free slots	0
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Preinstalled device	Network management card 3 with environmental monitoring
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Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
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UPS connectivity	Serial port USB port Pre-installed network management card 3
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Surge energy rate	600 J
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Noise suppression	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449
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Number of rack unit	7U
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Colour	Black (RAL 9005)
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Height	306 mm
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Width	440 mm
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Depth	835 mm
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Net weight	142.5 kg
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Mounting location	Front
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Mounting preference	Lower
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Mounting mode	Rack-mounted
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Two post mountable	0
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USB compatible	Yes
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Mounting position	Horizontal
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Mounting mode	Rack-mounted with kit sold separately
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Provided equipment	1 x USB cable 1 x RJ45 cable 2 x rack mounting brackets 2 x stabilization/wall mounting feet 2 x installation manual 1 x C13-C14 power cord 1 x external battery pack 1 x battery cable
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Number of power module filled slots	0
Number of power module free slots	0
Redundant	No
Range of product	Smart-UPS On-Line
Product or component type	Uninterruptible power supply (UPS)
Performance multiplier	1
Number of tare power	195 W
Value multiplier	1
Size UPS version	Server
Curve equation	Efficiency
Curve fixed loss	0.0138
Curve load maximum	100 %
Curve load minimum	2 %
Curve proportional loss	0.0164
Curve square loss	0.0207
Curve test cond ID	Curve fit to measured efficiency data. All measurements taken in normal operating mode, at typical environmental conditions, with nominal electrical input and balanced resistive load (PF = 1.0) output.
Curve X-axis maximum	100 %
Curve X-axis minimum	0 %
Curve X-axis title	Load
Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %
Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Graph display	1
Show note OP temperature	No
Battery curve	D
Liquid value	0
Battery design life	2 year(s)
UPS design life	7 year(s)
Battery power in VAH	3265 VAh runtime
Battery option	SRTG192XLBP2 1 6912 VAh SRTG192XLBP2 2 10617 VAh SRTG192XLBP2 3 13824 VAh SRTG192XLBP2 4 17280 VAh
UPS size	S

## Environment

Product certifications	CE UKCA TISI
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<b>Standards</b>	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
<b>Ambient air temperature for operation</b>	0...40 °C
<b>Ambient air temperature for storage</b>	-15...45 °C
<b>Storage altitude</b>	0...15000 m
<b>IP degree of protection</b>	IP20
<b>Relative humidity</b>	0...95 % non-condensing
<b>Storage Relative Humidity</b>	0...95 % non-condensing
<b>Acoustic level</b>	58 dBA
<b>Heat dissipation</b>	3821 Btu/h
<b>Operating altitude</b>	0...3000 m

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	53.5 cm
<b>Package 1 Width</b>	79.0 cm
<b>Package 1 Length</b>	59.0 cm
<b>Package 1 Weight</b>	157.2 kg

## Contractual warranty

<b>Warranty (in months)</b>	36 UPS 24 Battery
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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 31069

Environmental Disclosure [Product Environmental Profile](#)

## Use Better



### Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic No

[EU RoHS Directive](#) Compliant with Exemptions

SCIP Number 080b8d64-796e-42e7-a17d-31b86e55d143

REACH Regulation [REACH Declaration](#)

## Use Longer



### Lifetime extension

Repair No

## Use Again



### Repack and remanufacture

End of life manual availability [End of Life Information](#)

Removable battery User replaceable

Take-back No

WEEE Label  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

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