

# Product datasheet

Specifications



APC Smart-UPS On-Line, 8kVA/  
8kW, Rack/Tower, 230V, 2x IEC  
C13+1x IEC C19+Hard wire 3-wire  
(H+N+E) outlets, Network Card,  
W/O rail kit

SRTG8KXLI

**Price: 94,300.00 ZAR**

## Overview

Lead time Usually in Stock

## Main

Main Input Voltage	230 V AC 1 phase
Input voltage	220 V 240 V
Maximum input current	30 A
Switching current capacity	40 A
Input voltage limits	160...285 V full load 100...285 V half load
Number of input connectors	1 hard wire 3-wire (1P + N + E)
Network frequency	40...70 Hz auto-sensing
Output voltage	230 V AC 1 phase
Output voltage	220 V 240 V
Rated power in W	8000 W
rated power in VA	8000 VA
Output connection type	2 IEC 60320 C13 1 IEC 60320 C19
Output connector type	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	8000 VA
Maximum configurable power in W	8000 W
UPS type	Double conversion online
Wave type	Sine wave
Efficiency	93.5 %
Output frequency	50/60 Hz +/- 4 Hz sync to mains

## Complementary

Battery type Lead-acid battery

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

<b>Additional information</b>	Configurable for 220 : 230 or 240 nominal output voltage
<b>Battery voltage</b>	+/- 96 V
<b>Extended runtime</b>	1
<b>Number of battery filled slots</b>	2
<b>Number of battery free slots</b>	0
<b>Battery recharge time</b>	4 h
<b>Number of battery replacement quantity</b>	2
<b>Battery life</b>	3...5 year(s)
<b>Battery charger power</b>	392 W rated
<b>Battery type</b>	Lead-acid external included
<b>Emergency power off</b>	Yes
<b>Preinstalled device</b>	Network management card 3 with environmental monitoring
<b>Alarm</b>	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
<b>UPS connectivity</b>	Serial port USB port Pre-installed network management card 3
<b>Surge energy rate</b>	600 J
<b>Number of rack unit</b>	5U
<b>Colour</b>	Black (RAL 9005)
<b>Height</b>	217 mm
<b>Width</b>	440 mm
<b>Depth</b>	680 mm
<b>Net weight</b>	101.5 kg
<b>Mounting preference</b>	Lower
<b>Mounting mode</b>	Rack-mounted with kit
<b>Two post mountable</b>	0
<b>USB compatible</b>	Yes
<b>Mounting position</b>	Horizontal
<b>Mounting mode</b>	Rack-mounted with included kit
<b>Provided equipment</b>	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
<b>Number of power module filled slots</b>	0
<b>Number of power module free slots</b>	0
<b>Redundant</b>	No
<b>Range of product</b>	Smart-UPS On-Line
<b>Product or component type</b>	Uninterruptible power supply (UPS)
<b>Number of tare power</b>	129.4 W
<b>Size UPS version</b>	Server

Curve equation	Efficiency
Curve fixed loss	0.0171
Curve load maximum	100 %
Curve load minimum	2 %
Curve proportional loss	0.0263
Curve square loss	0.0200
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	1680 VAh runtime
Battery option	SRTG192XLBP4 1 3456 VAh SRTG192XLBP4 2 5279 VAh SRTG192XLBP4 3 6804 VAh SRTG192XLBP4 4 9126 VAh
UPS size	S

## Environment

Product certifications	CE UKCA TISI
Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-15...45 °C
Storage altitude	0...15000 m
IP degree of protection	IP20
Relative humidity	0...95 % non-condensing
Storage Relative Humidity	0...95 % non-condensing
Acoustic level	55 dBA
Heat dissipation	1774 Btu/h

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Operating altitude 0...3000 m

## Packing Units

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Unit Type of Package 1 PCE

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Number of Units in Package 1 1

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Package 1 Height 68.5 cm

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Package 1 Width 59.4 cm

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Package 1 Length 79.4 cm

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Package 1 Weight 124.5 kg

## Contractual warranty

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Warranty (in months) 24 Battery|36 UPS



## 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 31871

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 A64c500c-f72a-458b-8faa-8175a94429fe

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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