

# 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

## Overview

Lead time Usually in Stock

## Main

Main Input Voltage	230 V
Other Input Voltage	220 V 240 V
Main Output Voltage	230 V
Other 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 (H N + E) 1
Number of rack unit	5U
Battery type	Lead-acid battery
Provided equipment	1 x USB cable 1 x rack mounting brackets 1 x stabilization/wall mounting feet 1 x installation manual 1 x C13-C14 power cord

## Batteries & Runtime

Number of battery filled slots	2
Number of battery free slots	0
Battery recharge time	4 h
Number of battery replacement quantity	2
Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Battery voltage	+/- 96 V
Battery charger power	392 W rated
Battery life	3...5 year(s)
Replacement battery	<a href="#">APCRBC174</a>

Extended runtime	1
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## General

UPS type	Double conversion online
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Number of power module free slots	0
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Number of power module filled slots	0
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Redundant	No
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## Physical

Colour	Black
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Height	21.7 cm
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Width	44 cm
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Depth	68 cm
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Net weight	101.44 kg
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Mounting preference	No preference
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Mounting mode	Rack-mounted with kit
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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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## Input

Network frequency	40...70 Hz auto-sensing
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Number of input connectors	1 hard wire 3-wire (1P + N + E)
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Input voltage limits	160...285 V full load
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Maximum input current	30 A
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Switching current capacity	40 A
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## Output

Maximum configurable power in VA	8000 VA
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Maximum configurable power in W	8000 W
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Output frequency	50/60 Hz +/- 3 Hz sync to mains
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Wave type	Sine wave
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Efficiency	93.5 %
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Half load runtime	00:14:00 4000 W
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Full load runtime	00:04:48 8000 W
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Harmonic distortion	Less than 2 %
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Crest factor	3 : 1
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Bypass type	Internal bypass (automatic and manual)
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## Conformance

Product certifications	CE
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Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006
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## Environmental

Ambient air temperature for operation	0...40 °C
Relative humidity	0...95 % non-condensing
Operating altitude	0...3000 m
Ambient air temperature for storage	-15...45 °C
Storage Relative Humidity	0...95 % non-condensing
Storage altitude	0...15000 m
Acoustic level	55 dBA
Heat dissipation	1774 Btu/h
IP degree of protection	IP20

## Communications & Management

Preinstalled device	Network management card 3 with environmental monitoring
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Emergency power off	Yes

## Surge Protection and Filtering

Surge energy rate	600 J
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## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	41.4 cm
Package 1 Width	79 cm
Package 1 Length	59 cm
Package 1 Weight	103.46 kg

## Offer Sustainability

REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	<a href="#">Yes</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

Warranty	3 years repair or replace (excluding battery) and 2 years for battery
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## Recommended replacement(s)