

# 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

### Overview

Lead time Usually in Stock

### Main

Main Input Voltage	380...415 V 3 phases 230 V
Other Input Voltage	220...240 V
Main Output Voltage	380...415 V 3 phases 230 V 1 phase
Other Output Voltage	230 V
Rated power in W	20000 W
Rated power in VA	20000 VA
Output connector type	Hard wire 5 wire (3P + N + E) 1 Hard wire 3-wire (1P + N + E) 1 IEC connector 3-wire (1P + N + E) 1
Number of rack unit	7U
Battery type	Lead-acid battery
Provided equipment	Smart UPS signalling RS-232 cable

### Batteries & Runtime

Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	4 h
Number of battery replacement quantity	2
Additional information	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
Battery voltage	+/- 192 V
Battery charger power	2160 W rated
Battery power in VAH	3265 VAh capacity 3265 VAh runtime
Battery life	3...5 year(s)
Battery option	SRTG192XLBP2 1 6912 VAh SRTG192XLBP2 2 10617 VAh SRTG192XLBP2 3 13824 VAh SRTG192XLBP2 4 17280 VAh

Extended runtime	1
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## General

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	30.6 cm
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Width	440 mm
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Depth	70.0 cm
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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	No
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## Input

Network frequency	40...70 Hz auto-sensing
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Number of input connectors	1 hard wire 5 wire (3P + N + E) 1 hard wire 3-wire (1P + N + E)
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Input voltage limits	160...285 V 380 V 380...415 V
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Maximum input current	87 A
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Switching current capacity	125 A
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Input harmonic distortion	Less than 5 % for full load
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Input current	87 A
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Load power factor	From 0.9 leading to 1 lagging
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## Output

Maximum configurable power in W	20000 W
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Harmonic distortion	Less than 5 %
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Output frequency	50/60 Hz +/- 0.1 Hz sync to mains
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Crest factor	3 : 1
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UPS type	Double conversion online
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Wave type	Sine wave
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Output overload operation	60 seconds at 125% and 30 seconds at 150%
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Bypass type	Built-in static bypass
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Efficiency	93 % (in battery operation)
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Full load runtime	00:03:30 20000 W
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Half load runtime	00:09:30 10000 W
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Maximum configurable power in VA	20000 VA
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## Conformance

Product certifications	CB
Standards	EN/IEC 60204-1 EN/IEC 60204-2

## 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	58 dBA
Heat dissipation	3821 Btu/h
IP degree of protection	IP20

## Communications & Management

Free slots	0
Preinstalled device	Network management card
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Emergency power off	Yes

## Surge Protection and Filtering

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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## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	535 mm
Package 1 Width	790 mm
Package 1 Length	590 mm
Package 1 Weight	157.2 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
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>

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<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>Circularity Profile</b>	<a href="#">End of Life Information</a>

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**WEEE**                      The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

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### **Contractual warranty**

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**Warranty**                      3 years repair or replace (excluding battery) and 2 years for battery

**Recommended replacement(s)**