

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 400 V 3 phases
230 V 1 phase

Product or component type Uninterruptible power supply (UPS)

Other Input Voltage 380...415 V
220...240 V

Main Output Voltage 400 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 connection type 1 IEC 60320 C19

Output connector type Hard wire 5 wire (3P + N + E) 1
Hard wire 3-wire (1P + N + E) 1

Number of rack unit 7U

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

Range of product Smart-UPS On-Line

Batteries & Runtime

Run Time [View Runtime Graph](#)

Efficiency [View Efficiency Graph](#)

Battery type Lead-acid battery

Battery voltage +/- 192 V


Extended runtime 1

Number of battery filled slots 0

Number of battery free slots 0

Battery recharge time 4 h

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Number of battery replacement quantity	2
Battery life	3...5 year(s)
Replacement battery	APCRBC172 
Battery charger power	2160 W rated

General

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

Physical

Colour	Black (RAL 9005)
Height	30.6 cm
Width	44.0 cm
Depth	83.5 cm
Net weight	142.5 kg
Mounting location	Front
Mounting preference	Lower
Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	Yes
Mounting position	Horizontal

Input

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

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%

Wave type	Sine wave
Efficiency	94.5 %
Output frequency	50/60 Hz +/- 4 Hz sync to mains
Additional information	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage Configurable for 220 : 230 or 240 nominal output voltage

Conformance

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

Environmental

Acoustic level	58 dBA
Heat dissipation	3821 Btu/h
Operating altitude	0...3000 m
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

Communications & Management

Emergency power off	Yes
Free slots	0
Preinstalled device	Network management card 3 with environmental monitoring
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

Surge Protection and Filtering

Surge energy rate	600 J
Noise suppression	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

Packing Units

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

Contractual warranty

Warranty

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



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

[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 Again

Repack and remanufacture

Circularity Profile

[End of Life Information](#)

Removable battery

User replaceable

Take-back

No

WEEE

 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



