

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
Provided Equipment	1 x USB cable 1 x rack mounting brackets 1 x stabilization/wall mounting feet 1 x installation manual

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Battery Type	Lead-acid battery
Number Of Battery Filled Slots	0
Number Of Battery Free Slots	0
Battery Recharge Time	4 h
Number Of Battery Replacement Quantity	2
Battery Voltage	+/- 192 V
Battery Charger Power	2160 W rated
Battery Life	3...5 year(s)
Replacement Battery	APCRBC172
Extended Runtime	1

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

General

Ups Type	Double conversion online
Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	0
Redundant	No

Physical

Colour	Black (RAL 9005)
Height	30.6 cm
Width	44.0 cm
Depth	70.0 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

Network Frequency	40...70 Hz auto-sensing
Number Of Input Connectors	1 hard wire 5 wire (3P + N + E) 1 hard wire 3-wire (1P + N + E)
Input Voltage Limits	160...285 V full load 380 V 380...415 V
Maximum Input Current	87 A
Switching Current Capacity	125 A
Input Harmonic Distortion	Less than 5 % for full load
Input Current	87 A
Load Power Factor	From 0.9 leading to 1 lagging

Output

Maximum Configurable Power In Va	20000 VA
Maximum Configurable Power In W	20000 W
Output Frequency	50/60 Hz +/- 4 Hz sync to mains
Wave Type	Sine wave
Output Overload Operation	60 seconds at 125% and 30 seconds at 150%
Efficiency	94 %
Harmonic Distortion	Less than 5 %
Crest Factor	3 : 1
Bypass Type	Internal bypass (automatic and manual)
Additional Information	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage

Conformance

Product Certifications	CE UKCA TISI
Standards	EN/IEC 62040-1:2019/A11:2021 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 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
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
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

Mercury Free

Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)
Product out of China RoHS scope. Substance declaration for your information

Environmental Disclosure [Product Environmental Profile](#)

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

Circularity Profile [End of Life Information](#)