

Product datasheet

Specifications

APC Smart-UPS RT 5kVA 230V

SRTG5KXLI




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	5000 W
Rated power in VA	5000 VA
Output connection type	2 IEC 60320 C13 1 IEC 60320 C19
Output connector type	Hard wire 3-wire (H N + E) 1
Battery type	Lead-acid battery
Provided equipment	Smart UPS signalling RS-232 cable User manual USB cable

Batteries & Runtime

Number of battery filled slots	2
Number of battery free slots	0
Battery recharge time	4 h
Number of battery replacement quantity	1
Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Battery voltage	+/- 96 V
Battery charger power	239 W rated
Battery power in VAh	960 VAh capacity 960 VAh runtime
Battery life	3...5 year(s)
Replacement battery	APCRBC170 
Battery option	SRTG192XLBP4 1 2651 VAh SRTG192XLBP4 2 4424 VAh SRTG192XLBP4 3 6314 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

Height	17.78 cm
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Width	44 cm
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Depth	62 cm
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Product weight	51.9 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	No
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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
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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 W	5000 W
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Harmonic distortion	Less than 2 %
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Output frequency	50/60 Hz +/- 3 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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Bypass type	Internal bypass (automatic and manual)
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Full load runtime	00:03:30 5000 W
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Half load runtime	00:10:20 2500 W
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Maximum configurable power in VA	5000 VA
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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 EN/IEC 62040-2:2018
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Environmental

Ambient air temperature for operation	0...40 °C
Relative humidity	0...95 % non-condensing
Operating altitude	0...6600 ft
Ambient air temperature for storage	-15...45 °C
Storage Relative Humidity	0...95 % non-condensing
Storage altitude	0.00...15240.00 m
Acoustic level	55 dBA
Heat dissipation	1108.95 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	27.5 cm
Package 1 Width	79 cm
Package 1 Length	59 cm
Package 1 Weight	59 kg

Offer Sustainability

EU RoHS Directive	Under investigation
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
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)