

Product datasheet

Specifications

APC Smart-UPS RT 6kVA 230V

SRTG6KXLI



Overview

Lead time	Usually in Stock
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Main

Main Input Voltage	230 V
Product or component type	Uninterruptible power supply (UPS)
Other Input Voltage	220 V 240 V
Main Output Voltage	230 V
Other Output Voltage	220 V 240 V
Rated power in W	6000 W
Rated power in VA	6000 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

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 2688 VAh SRTG192XLBP4 2 4488 VAh

	SRTG192XLBP4 3 6461 VAh SRTG192XLBP4 4 8000 VAh
Extended runtime	1
General	
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No
Physical	
Height	17.78 cm
Width	44 cm
Depth	62 cm
Product weight	51.9 kg
Mounting preference	No preference
Mounting mode	Rack-mounted with kit
Two post mountable	0
USB compatible	No
Input	
Network frequency	40...70 Hz auto-sensing
Number of input connectors	1 hard wire 3-wire (1P + N + E)
Input voltage limits	160...285 V
Maximum input current	30 A
Switching current capacity	40 A
Output	
Maximum configurable power in W	6000 W
Harmonic distortion	Less than 2 %
Output frequency	50/60 Hz +/- 3 Hz sync to mains
Crest factor	3 : 1
UPS type	Double conversion online
Wave type	Sine wave
Bypass type	Internal bypass (automatic and manual)
Full load runtime	00:02:15 6000 W
Half load runtime	00:08:30 3000 W
Maximum configurable power in VA	6000 VA
Conformance	
Product certifications	CE
Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018

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	1330.74 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

REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes
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)