

Product datasheet

Specifications

APC



APC Smart-UPS On-Line,
6kVA/6kW, Rack/Tower, 230V, 2x
IEC C13+1x IEC C19+Hard wire 3-
wire (H+N+E) outlets, Network Card,
W/O rail kit

SRTG6KXLI

Overview

Lead time

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	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

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
Net 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	Non-condensing 0...95 %
Storage altitude	0.00...15240.00 m
Acoustic level	55 dBA
Heat dissipation	1330.74 Btu/h
IP degree of protection	IP20

Batteries & Runtime

Number of battery filled slots	2
Number of battery free slots	0
Battery recharge time	4 h

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

Communications & Management

Preinstalled device	Network management card 3 with environmental monitoring
Control panel	LED Status display with on line : on battery Multifunction LCD status and control console
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
--------------------------	-------

Packing Units

Unit Type of Package 1	PCE
Package 1 Length	59 cm
Number of Units in Package 1	1
Package 1 Width	79 cm
Package 1 Height	27.5 cm
Package 1 Weight	59 kg

Offer Sustainability

EU RoHS Directive	Under investigation
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
-----------------	---