

## Product datasheet

## Specifications



APC Smart-UPS RT 6kVA 230V



SRTG6KXLI

## Overview

**Lead time** Usually in Stock

## Main

<b>Main Input Voltage</b>	230 V AC 1 phase
<b>Input voltage</b>	220 V 240 V
<b>Maximum input current</b>	30 A
<b>Switching current capacity</b>	40 A
<b>Input voltage limits</b>	160...285 V full load 100...285 V half load
<b>Number of input connectors</b>	1 hard wire 3-wire (1P + N + E)
<b>Network frequency</b>	40...70 Hz auto-sensing
<b>Output voltage</b>	230 V AC 1 phase
<b>Output voltage</b>	220 V 240 V
<b>Rated power in W</b>	6000 W
<b>rated power in VA</b>	6000 VA
<b>Output connection type</b>	2 IEC 60320 C13 1 IEC 60320 C19
<b>Output connector type</b>	Hard wire 3-wire (1P + N + E) for 1 zone(s)
<b>Bypass type</b>	Internal bypass (automatic and manual)
<b>Crest factor</b>	3 : 1
<b>Harmonic distortion</b>	Less than 2 %
<b>Maximum configurable power in VA</b>	6000 VA
<b>Maximum configurable power in W</b>	6000 W
<b>UPS type</b>	On-Line
<b>Wave type</b>	Sine wave
<b>Efficiency</b>	93.5 %
<b>Output frequency</b>	50/60 Hz +/- 4 Hz sync to mains

## Complementary

<b>Additional information</b>	Configurable for 220 : 230 or 240 nominal output voltage
<b>Battery type</b>	Lead-acid internal included
<b>Emergency power off</b>	Yes

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

<b>Preinstalled device</b>	Network management card 3 with environmental monitoring
<b>Alarm</b>	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
<b>UPS connectivity</b>	Serial port USB port Pre-installed network management card 3
<b>Surge energy rate</b>	600 J
<b>Number of rack unit</b>	4U
<b>Colour</b>	Black (RAL 9005)
<b>Height</b>	175 mm
<b>Width</b>	440 mm
<b>Depth</b>	620 mm
<b>Net weight</b>	55.9 kg
<b>Mounting preference</b>	Lower
<b>Mounting mode</b>	Rack-mounted with kit
<b>Two post mountable</b>	0
<b>USB compatible</b>	Yes
<b>Mounting position</b>	Horizontal
<b>Mounting mode</b>	Rack-mounted with included kit
<b>Provided equipment</b>	1 x USB cable 1 x RJ45 cable 1 x rack mounting brackets 1 x stabilization/wall mounting feet 1 x installation manual 1 x C13-C14 power cord
<b>Number of power module filled slots</b>	0
<b>Number of power module free slots</b>	0
<b>Redundant</b>	No
<b>Range of product</b>	Smart-UPS On-Line
<b>Product or component type</b>	Uninterruptible power supply (UPS)

## Environment

<b>Product certifications</b>	CE UKCA TISI
<b>Standards</b>	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
<b>Ambient air temperature for operation</b>	0...40 °C
<b>Ambient air temperature for storage</b>	-15...45 °C
<b>Storage altitude</b>	0...15000 m
<b>IP degree of protection</b>	IP20
<b>Relative humidity</b>	0...95 % non-condensing
<b>Storage Relative Humidity</b>	0...95 % non-condensing
<b>Acoustic level</b>	55 dBA
<b>Heat dissipation</b>	1330.74 Btu/h

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Operating altitude	0...3000 m
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## Batteries & Runtime

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Run Time	<a href="#">View Runtime Graph</a> 
Efficiency	<a href="#">View Efficiency Graph</a> 
Battery type	Lead-acid battery
Battery voltage	+/- 96 V
Extended runtime	1
Number of battery filled slots	2
Number of battery free slots	0
Battery recharge time	4 h
Number of battery replacement quantity	1
Battery life	3...5 year(s)
Replacement battery	<a href="#">APCRBC170</a> 
Battery charger power	239 W rated

## Packing Units

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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	61.8 kg

## Contractual warranty

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Warranty (in months)	24 Battery 36 UPS
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 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

Total lifecycle Carbon footprint	17 553 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Carbon footprint of the manufacturing phase [A1 to A3]	433 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	21 kg CO2 eq.
Carbon footprint of the installation phase [A5]	14 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	65 kg CO2 eq.

## Use Better

### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	A64c500c-f72a-458b-8faa-8175a94429fe
EU RoHS Directive	<a href="#">Compliant By Exemption</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>

## Use Longer

### Lifetime extension

Repair	No
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## Use Again

### Repack and remanufacture

Recyclability potential, in %	31
End of life manual availability	<a href="#">End of Life Information</a>
Removable battery	User replaceable
Take-back	No
WEEE Label	 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

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