

# Product datasheet

Specifications



## APC Smart-UPS RT 5000VA 230V with SURT007, AP9610, and Long Life Batteries

SURT5000XLIX438

### Overview

Presentation	High density, double-conversion on-line power protection with scalable runtime.
Lead time	Special Order - Call for Quoted Lead Times

### 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	3500 W
rated power in VA	5000 VA
Output connector type	Hard wire 3-wire (H N + E) 1
Number of rack unit	3U
Provided equipment	Relay board Smart UPS signalling RS-232 cable User manual
Range of product	Smart-UPS On-Line

### Batteries & Runtime

Run Time	<a href="#">View Runtime Graph</a>
Battery type	Lead-acid battery
Extended runtime	1
Number of battery filled slots	2
Number of battery free slots	0
Battery recharge time	2.5 h
Number of battery replacement quantity	1
Battery life	3...5 year(s)
Battery charger power	341 W rated

### General

Number of power module filled slots	0
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Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Number of power module free slots	0
Redundant	No
Variant option	Firmware
UPS type	Double conversion online

## Physical

Colour	Black
Height	43.2 cm
Width	13 cm
Depth	66 cm
Net weight	54.55 kg
Mounting location	Front
Mounting preference	Lower
Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	No

## Input

Input voltage limits	160...280 V
Number of input connectors	1 hard wire 3-wire
Network frequency	50/60 Hz +/- 3 Hz auto-sensing

## Output

Bypass type	Internal bypass (automatic and manual)
Crest factor	3 : 1
Harmonic distortion	Less than 3 %
Maximum configurable power in VA	5000 VA
Maximum configurable power in W	3500 W
Wave type	Sine wave
Efficiency	92 % (full load)
Output frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains
Additional information	Configurable for 220 or 230V nominal output voltage

## Conformance

Product certifications	cUL listed CE FCC part 15 class A VDE
Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018

## Environmental

Acoustic level	55 dBA
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Heat dissipation	1040 Btu/h
Operating altitude	0...10000 ft
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-15...45 °C
Storage altitude	0.0000000000...15240.0000000000 m
IP degree of protection	IP20
Relative humidity	0...95 % non-condensing
Storage Relative Humidity	0...95 % non-condensing

## Communications & Management

Free slots	0
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

## Surge Protection and Filtering

Let through voltage rating	300 V
Surge energy rate	480 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	47.4 cm
Package 1 Width	97.2 cm
Package 1 Length	60.3 cm
Package 1 Weight	63.64 kg

## Contractual warranty

Warranty	2 years repair or replace
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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

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) **13391**

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard **Yes**

Packaging without single use plastic **No**

[EU RoHS Directive](#) **Compliant with Exemptions**

SCIP Number **409c68a1-39a6-4e5f-b080-12befe783ad8**

REACH Regulation [REACH Declaration](#)

### Energy efficiency

Optimized Energy Efficiency **Energy efficient product**

## Use Again

### Repack and remanufacture

Circularity Profile [End of Life Information](#)

Removable battery **User replaceable**

Take-back **Yes**


WEEE  **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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