

Product data sheet

Specifications



APC Smart-UPS RT 1000VA, 230V,
rackmount, 2U, 6x IEC 60320 & 2x
IEC Jumpers outlets, w/network
card

SURT1000RMXLI-NC

Overview

Presentation	High density, double-conversion on-line power protection with scalable runtime.
Lead time	Usually in Stock

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	700 W
Rated power in VA	1000 VA
Input Connection Type	IEC 60320 C14
output connection type	6 IEC 60320 2 IEC Jumpers
number of rack unit	2U
Provided equipment	CD with software Rack mounting support rails Smart UPS signalling RS-232 cable User manual
Range of product	Smart-UPS On-Line

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Battery type	Lead-acid battery
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	3 h
Number of battery replacement quantity	1
Battery charger power	109 W rated
Battery life	3...5 year(s)
Replacement battery	RBC31

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Extended runtime	1
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General

UPS type	Double conversion online
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

Physical

Colour	Black
Height	8.5 cm
Width	43.2 cm
Depth	48.3 cm
Net weight	23 kg
Mounting location	Front
Mounting preference	Lower
Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	No

Input

Network frequency	50/60 Hz +/- 5 Hz auto-sensing
Input voltage limits	160...280 V

Output

Maximum configurable power in VA	1000 VA
Maximum configurable power in W	700 W
Output frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains
Wave type	Sine wave
Harmonic distortion	Less than 3 %
Crest factor	3 : 1
Bypass type	Built-in bypass
Additional information	Configurable for 220 : 230 or 240 nominal output voltage

Conformance

Product certifications	C-Tick CE GOST VDE UK PSTI
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...10000 ft
Ambient air temperature for storage	-20...50 °C
Storage Relative Humidity	0...95 % non-condensing
Storage altitude	0.0000000000...15240.0000000000 m
Acoustic level	50 dBA
Heat dissipation	324 Btu/h
IP degree of protection	IP20

Communications & Management

Free slots	1
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Emergency power off	Optional

Surge Protection and Filtering

Surge energy rate	420 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	28.6 cm
Package 1 Width	59.4 cm
Package 1 Length	63 cm
Package 1 Weight	27.8 kg

Contractual warranty

Warranty	2 years repair or replace
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Energy Efficient Take-back Transparency RoHS/REACH

Resource performance

✓ Energy Efficient Product

✓ Take-Back Program Available

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

Environmental Disclosure [Product Environmental Profile](#)

Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile [End of Life Information](#)