

# Product datasheet

Specifications

## APC Smart-UPS RT 1000VA 230V - Marine



SURT1000XLIM



### Overview

<b>Presentation</b>	High availability, ruggedized power protection for shipboard and other transportation applications.
<b>Lead time</b>	Usually in Stock

### Main

<b>Main Input Voltage</b>	230 V
<b>Product or component type</b>	Uninterruptible power supply (UPS)
<b>Other Input Voltage</b>	220 V 240 V
<b>Main Output Voltage</b>	230 V
<b>Other Output Voltage</b>	220 V 240 V
<b>Rated power in W</b>	700 W
<b>rated power in VA</b>	1000 VA
<b>Input Connection Type</b>	IEC 60320 C14
<b>output connection type</b>	6 IEC 60320 2 IEC Jumpers
<b>Number of rack unit</b>	2U
<b>Cable length</b>	2.5 m
<b>Number of cables</b>	1
<b>Provided equipment</b>	CD with software Relay board Smart UPS signalling RS-232 cable User manual

### Batteries & Runtime

<b>Run Time</b>	<a href="#">View Runtime Graph</a> 
<b>Battery type</b>	Lead-acid battery
<b>Extended runtime</b>	1
<b>Number of battery filled slots</b>	1
<b>Number of battery free slots</b>	0
<b>Battery recharge time</b>	3 h
<b>Number of battery replacement quantity</b>	1
<b>Battery life</b>	3...5 year(s)
<b>Replacement battery</b>	<a href="#">RBC31</a> 

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Battery charger power	109 W rated
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## General

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Number of power module	700
Number of power module filled slots	0
Number of power module free slots	0
Redundant	No
Variant option	Shipboard
UPS type	Double conversion online

## Physical

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Colour	Black
Height	432 mm
Width	85 mm
Depth	483 mm
Net weight	23 kg
Mounting location	Front
Mounting preference	Lower
Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	No

## Input

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Input Power Factor at Full Load	1
Input voltage limits	180...280 V
Network frequency	50/60 Hz +/- 5 Hz auto-sensing

## Output

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Bypass type	Built-in bypass
Crest factor	3 : 1
Harmonic distortion	Less than 3 %
Maximum configurable power in VA	1000 VA
Maximum configurable power in W	700 W
Wave type	Sine wave
Efficiency	88 % (full load)
Output frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
Additional information	Configurable for 220 : 230 or 240 nominal output voltage

## Conformance

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Product certifications	CE DNV KCC
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<b>Standards</b>	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
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## Environmental

<b>Acoustic level</b>	55 dBA
<b>Heat dissipation</b>	324 Btu/h
<b>Operating altitude</b>	0...10000 ft
<b>Ambient air temperature for operation</b>	0...55 °C
<b>Ambient air temperature for storage</b>	-20...50 °C
<b>Storage altitude</b>	0...15240 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

## Communications & Management

<b>Emergency power off</b>	Optional
<b>Free slots</b>	0
<b>Alarm</b>	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

## Surge Protection and Filtering

<b>Surge energy rate</b>	420 J
<b>Noise suppression</b>	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	28.6 cm
<b>Package 1 Width</b>	63 cm
<b>Package 1 Length</b>	59.4 cm
<b>Package 1 Weight</b>	27.8 kg

## Contractual warranty

<b>Warranty (in months)</b>	24
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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 1897

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 4282bd22-a353-4f82-bb5c-97bbd7f1d1e9

REACH Regulation [REACH Declaration](#)

### Energy efficiency

Energy Efficiency Optimized Energy efficient product

## Use Again

### Repack and remanufacture

End of life manual availability [End of Life Information](#)

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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