

# Product datasheet

Specifications



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



SURT1000XLIM

EAN Code: 0731304283515

### Overview

**Presentation** High availability, ruggedized power protection for shipboard and other transportation applications.

### 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
Cable length	2.5 m
Number of cables	1
Provided equipment	CD with software Relay board Smart UPS signalling RS-232 cable User manual
Replacement battery	<a href="#">RBC31</a>

### Graphs

Run Time	<a href="#">View Runtime Graph</a>
Efficiency	<a href="#">View Efficiency Graph</a>

### Batteries & Runtime

Battery type	Lead-acid battery
Extended runtime	1
Number of battery filled slots	1
Number of battery free slots	0
Battery recharge time	3 h

Number of battery replacement quantity	1
Battery life	3...5 year(s)
Battery charger power	109 W rated

## General

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	On-Line

## Physical

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

## Input

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

## Output

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

Product certifications	CE DNV KCC
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
Heat dissipation	324 Btu/h
Operating altitude	0...10000 ft
Ambient air temperature for operation	0...55 °C
Ambient air temperature for storage	-20...50 °C
Storage altitude	0...15240 m
IP degree of protection	IP20
Relative humidity	0...95 % non-condensing
Storage Relative Humidity	0...95 % non-condensing

## Communications & Management

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

## 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	63 cm
Package 1 Length	59.4 cm
Package 1 Weight	27.8 kg

## Logistical informations

Country of origin	PH
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## Contractual warranty

Warranty (in months)	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	1 897 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	592 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	7 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	1 293 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	2 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

### Use Better



### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	4282bd22-a353-4f82-bb5c-97bbd7f1d1e9
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 %	58
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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