

# Product datasheet

Specifications



## APC Smart-UPS RT 2200VA 230V - Marine

SURTD2200XLIM

EAN Code: 0731304286929

### Overview

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

### Main

Main input voltage	230 V
Other input voltage	220 V 240 V
Input connection	BS1363A British IEC 60320 C20 Schuko CEE 7 / EU1-16P
Efficiency at full load	180...280 V
Input frequency	50/60 Hz +/- 5 Hz auto-sensing
Output voltage	230 V
Other output voltage	220 V 240 V
Rated power in W	1540 W
Rated power in VA	2200 VA
Output connection	8 IEC 60320 C13 2 IEC Jumpers 2 IEC 60320 C19
Bypass type	Internal bypass (automatic and manual)
Crest factor	3 : 1
Harmonic distortion	Less than 3 %
Maximum configurable power in VA	2200 VA
Maximum configurable power in W	1540 W
UPS topology	On-Line
Waveform type	Sine wave
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
Replacement battery	<a href="#">APCRBC140</a>

### Graphs

Run Time [View Runtime Graph](#)

### Complementary

<b>Additional information</b>	Configurable for 220 : 230 or 240 nominal output voltage
<b>Emergency power off</b>	Yes
<b>Free slot</b>	0
<b>Alarm</b>	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
<b>Surge energy rating</b>	555 J
<b>Noise filtering</b>	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449
<b>Number of rack unit</b>	3U
<b>Cable length</b>	2.5 m
<b>Number of cables</b>	1
<b>Color</b>	Black
<b>Height</b>	432 mm
<b>Width</b>	130 mm
<b>Depth</b>	660 mm
<b>Product weight</b>	54.55 kg
<b>Mounting location</b>	Front
<b>Mounting preference</b>	Lower
<b>Mounting mode</b>	Rack-mounted
<b>Two post mountable</b>	0
<b>USB compatible</b>	No
<b>Provided equipment</b>	CD with software Documentation CD Installation guide Rack mounting hardware Smart UPS signalling RS-232 cable User manual
<b>Number of power module filled slots</b>	0
<b>Number of power module free slots</b>	0
<b>Redundant</b>	No
<b>Product or component type</b>	Uninterruptible power supply (UPS)

## Environment

<b>Product certification</b>	CE DNV KCC
<b>Standard</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...55 °C
<b>Ambient air temperature for storage</b>	-15...45 °C
<b>Storage altitude</b>	0...15240 m
<b>IP 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

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Heat dissipation	609 Btu/h
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Operating altitude	0...10000 ft
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## Batteries & Runtime

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Battery type	Lead-acid battery
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Extendable runtime	1
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Included battery module	2
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Typical recharge time	2.5 h
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RBC quantity	1
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Battery life	3...5 year(s)
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Battery charging power	382 W rated
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## Packing Units

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Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	34.7 cm
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Package 1 Width	60.3 cm
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Package 1 Length	98 cm
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Package 1 Weight	63.64 kg
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## Logistical informations

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Country of origin	PH
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## Contractual warranty

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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	4 342 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	1 356 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	16 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	2 960 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	4 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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