

# Product datasheet

Specifications

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



SURTD2200XLIM

### 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>	Filter
<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>	1540 W
<b>Rated power in VA</b>	2200 VA
<b>Input Connection Type</b>	BS1363A British IEC 60320 C20 Schuko CEE 7 / EU1-16P
<b>output connection type</b>	8 IEC 60320 C13 2 IEC Jumpers 2 IEC 60320 C19
<b>Number of rack unit</b>	3U
<b>Cable length</b>	2.5 m
<b>Number of cables</b>	1
<b>Provided equipment</b>	CD with software Documentation CD Installation guide Rack mounting hardware 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>	2
<b>Battery recharge time</b>	2.5 h
<b>Number of battery replacement quantity</b>	1

Battery life	3...5 year(s)
Replacement battery	<a href="#">APCRBC140</a> 
Battery charger power	382 W rated

## General

Number of power module filled slots	0
Number of power module free slots	0
Redundant	No
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	180...280 V
Network frequency	50/60 Hz +/- 5 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	2200 VA
Maximum configurable power in W	1540 W
Wave 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
Additional information	Configurable for 220 : 230 or 240 nominal output voltage

## Conformance

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>	609 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>	-15...45 °C
<b>Storage altitude</b>	0.0000000000...15240.0000000000 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>	Yes
<b>Free slots</b>	0
<b>Preinstalled device</b>	Dry contact I/O smartslot card
<b>Alarm</b>	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

## Surge Protection and Filtering

<b>Surge energy rate</b>	555 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>	34.7 cm
<b>Package 1 Width</b>	60.3 cm
<b>Package 1 Length</b>	98 cm
<b>Package 1 Weight</b>	63.64 kg

## Contractual warranty

<b>Warranty</b>	2 years repair or replace, optional extended warranties available, optional on-site services available
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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

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-97bd7f1d1e9

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