

# Product datasheet

Specifications



## APC Smart-UPS RT 3000VA 230V - Marine

SURTD3000XLIM

**Price: 74,060.00 ZAR**

### Overview

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

### Main

<b>Main Input Voltage</b>	230 V
<b>Input voltage</b>	220 V 240 V
<b>Input Connection Type</b>	BS1363A British IEC 60320 C20 Schuko CEE 7 / EU1-16P
<b>Input voltage limits</b>	180...270 V
<b>Network frequency</b>	50/60 Hz +/- 5 Hz auto-sensing
<b>Output voltage</b>	230 V
<b>Output voltage</b>	220 V 240 V
<b>Rated power in W</b>	2100 W
<b>rated power in VA</b>	3000 VA
<b>Output connection type</b>	8 IEC 60320 2 IEC Jumpers 2 IEC 60320
<b>Bypass type</b>	Internal bypass (automatic and manual)
<b>Crest factor</b>	3 : 1
<b>Harmonic distortion</b>	Less than 3 %
<b>Maximum configurable power in VA</b>	3000 VA
<b>Maximum configurable power in W</b>	2100 W
<b>UPS type</b>	Double conversion online
<b>Wave type</b>	Sine wave
<b>Output frequency</b>	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains

### Complementary

<b>Battery type</b>	Lead-acid battery
<b>Additional information</b>	Configurable for 220 : 230 or 240 nominal output voltage
<b>Extended runtime</b>	1
<b>Number of battery filled slots</b>	2
<b>Battery recharge time</b>	2.5 h

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

<b>Number of battery replacement quantity</b>	1
<b>Battery life</b>	3...5 year(s)
<b>Battery charger power</b>	359 W rated
<b>Emergency power off</b>	Yes
<b>Free slots</b>	0
<b>Alarm</b>	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
<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
<b>Number of rack unit</b>	3U
<b>Cable length</b>	2.4 m
<b>Number of cables</b>	1
<b>Colour</b>	Black
<b>Height</b>	432 mm
<b>Width</b>	130 mm
<b>Depth</b>	660 mm
<b>Net 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 Relay board 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)
<b>Performance multiplier</b>	1
<b>Number of tare power</b>	50 W
<b>Value multiplier</b>	1
<b>Size UPS version</b>	Internetworking Server Telecom
<b>Curve equation</b>	Efficiency
<b>Curve fixed loss</b>	0.0277
<b>Curve load maximum</b>	100 %
<b>Curve load minimum</b>	3 %
<b>Curve proportional loss</b>	0.0402
<b>Curve square loss</b>	0.0238

<b>Curve test cond ID</b>	Curve fit to measured efficiency data. All measurements taken in normal operating mode, at typical environmental conditions, with nominal electrical input and balanced resistive load (PF = 1.0) output.
<b>Curve X-axis maximum</b>	100 %
<b>Curve X-axis minimum</b>	0 %
<b>Curve X-axis title</b>	Load
<b>Curve X-axis units</b>	Percentage
<b>Curve Y-axis maximum</b>	100 %
<b>Curve Y-axis minimum</b>	50 %
<b>Curve Y-axis title</b>	Efficiency
<b>Curve Y-axis units</b>	Percentage
<b>Graph display</b>	1
<b>Show note OP temperature</b>	No
<b>Battery curve</b>	C
<b>Liquid value</b>	0
<b>Battery design life</b>	2 year(s)
<b>UPS design life</b>	7 year(s)
<b>Battery power in VAH</b>	900 VAh runtime
<b>Battery option</b>	SURT192XLBP 1 2820 VAh SURT192XLBP 2 4740 VAh SURT192XLBP 3 6660 VAh SURT192XLBP 4 8580 VAh SURT192XLBP 5 10500 VAh SURT192XLBP 6 12420 VAh SURT192XLBP 8 16260 VAh SURT192XLBP 10 20100 VAh
<b>UPS size</b>	WS

## Environment

<b>Product certifications</b>	CE DNV KCC
<b>Standards</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 degree of 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
<b>Heat dissipation</b>	609 Btu/h
<b>Operating altitude</b>	0...10000 ft

## Packing Units

<b>Unit Type of Package 1</b>	PCE
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<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

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## **Contractual warranty**

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<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 4342

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](#)

## Use Longer



### Lifetime extension

Repair No

## 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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