

Product datasheet

Specifications

Smart-UPS RT 1000VA 230V - Marine



SURT1000XLIM

Price: 33,120.00 ZAR

Overview

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

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

Batteries & Runtime

Run Time	View Runtime Graph
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)
Replacement battery	RBC31

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

Battery charger power	109 W rated
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General

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

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

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

Bypass type	Built-in bypass
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Crest factor	3 : 1
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Harmonic distortion	Less than 3 %
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Maximum configurable power in VA	1000 VA
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Maximum configurable power in W	700 W
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Wave type	Sine wave
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Efficiency	88 % (full load)
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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
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Additional information	Configurable for 220 : 230 or 240 nominal output voltage
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Conformance

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

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 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](#)

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

