Product data sheet

Specifications



APC Smart-UPS RT 1000VA 230V - Marine

SURT1000XLIM

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
Kw Rating	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	8.2 ft (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
Extendable Run Time	1
Included Battery Modules	1
Battery Slots Empty	0
Typical recharge time	3 h
RBC Quantity	1
Battery life	3…5 year(s)
Replacement battery	RBC31

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Battery Charge Power (Watts)	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
Topology	Double Conversion Online

Physical

color	Black
Height	17.01 in (43.2 cm)
Width	3.35 in (8.5 cm)
Depth	19.02 in (48.3 cm)
Product Weight	50.7 lb(US) (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
Efficiency at full load	180...280 V
Input 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
Max Configurable Power (Watts)	700 W
Waveform Type	Sine wave
Efficiency at full load	88 % full load)
Output frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal not synced 50 Hz +/- 0.1 % for 50 Hz nominal not synced
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
Online Thermal Dissipation	324 Btu/h
Operating altitude	0...10000 ft
Ambient air temperature for operation	32…131 °F (0…55 °C)
Ambient Air Temperature for Storage	-4…122 °F (-20…50 °C)
Storage altitude	0…50000 ft (0.0000000000…15240.0000000000 m)
IP degree of protection	IP20
Relative Humidity	0…95 % non-condensing
Storage Relative Humidity	0…95 % non-condensing

Communications & Management

Emergency Power Off (EPO)	Optional
Free slots	0
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

Surge Protection and Filtering

Surge energy rating	420 J
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m

Ordering and shipping details

GTIN	731304283515

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	11.26 in (28.6 cm)
Package 1 Width	24.80 in (63 cm)
Package 1 Length	23.39 in (59.4 cm)
Package 1 Weight	61.3 lb(US) (27.8 kg)

Contractual warranty

Warranty	2 years repair or replace, optional on-site warranties available, optional extended warranties available

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-97bbd7f1d1e9
REACh Regulation	REACh Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

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.

Image of product / Alternate images

Alternative



