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	Filter	
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	35 year(s)
Replacement battery	RBC31

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
UPS type	Double conversion online

Physical

Colour	Black
Height	43.2 cm
Width	8.5 cm
Depth	48.3 cm
Net weight	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	
Input voltage limits	180280 V	
Network frequency	50/60 Hz +/- 5 Hz auto-sensing	

Output

uilt-in bypass : 1 ess than 3 %	
ess than 3 %	
000 VA	
00 W	
ine wave	
8 % (full load)	
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	
configurable for 220 : 230 or 240 nominal output voltage	

Conformance

Product certifications

EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018

Environmental

Acoustic level	55 dBA
Heat dissipation	324 Btu/h
Operating altitude	010000 ft
Ambient air temperature for operation	055 °C
Ambient air temperature for storage	-2050 °C
Storage altitude	0.00000000015240.000000000 m
IP degree of protection	IP20
Relative humidity	095 % non-condensing
Storage Relative Humidity	095 % non-condensing

Communications & Management

Emergency power off	Optional	
Free slots	0	
Preinstalled device	Dry contact I/O smartslot card	
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

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

L 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 Disclosure

Product Environmental Profile

Use Better

S 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
W Energy efficiency	
Optimized Energy Efficiency	Energy efficient product

Use Again

\circlearrowright 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