Product datasheet

Specifications

APC Smart-UPS RT 2200VA 230V - Marine

SURTD2200XLIM

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

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Battery life	3…5 year(s)
Replacement battery	APCRBC140 ⬈
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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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
Heat dissipation	609 Btu/h
Operating altitude	0...10000 ft
Ambient air temperature for operation	0…55 °C
Ambient air temperature for storage	-15…45 °C
Storage altitude	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	Yes
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	555 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	34.7 cm
Package 1 Width	60.3 cm
Package 1 Length	98 cm
Package 1 Weight	63.64 kg

Contractual warranty

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

EU RoHS Directive	**Compliant with Exemptions**
REACh Regulation	**REACh Declaration**
China RoHS Regulation	**China RoHS declaration**

Energy efficiency

Optimized Energy Efficiency	**Energy efficient product**

Use Again

Repack and remanufacture

Circularity Profile	**End of Life Information**
Removable battery	**User replaceable**
WEEE	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**
Take-back	**Yes**