Product data sheet

Specifications

Green Premium™

APC Smart-UPS RT 1000VA 230V - Marine

SURT1000XLIM

Corporate Armor

Overview

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

Main

Main Input Voltage	230 V
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
Nb of power socket outlets	6 IEC 60320 2 IEC Jumpers
Number of rack unit	2U
Cable length	8.2 ft (2.50 m)
Number of cables	1
Battery Type	Lead-Acid battery
Provided equipment	CD with software Relay board Smart UPS signalling RS-232 cable User Manual

General

Number of power module	700
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No
Variant option	Shipboard

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Physical

Color	Black
Height	17.01 in (43.2 cm)
Width	3.35 in (8.5 cm)
Depth	19.02 in (48.3 cm)
Net Weight	50.71 lb(US) (23 kg)
Mounting Location	Front
Mounting preference	Lower
Mounting Mode	Rack-mounted
Two post mountable	0
USB compatible	No

Input

Input Frequency	50/60 Hz +/- 5 Hz auto-sensing
Efficiency at full load	180...280 V
Input Power Factor at Full Load	1

Output

Max Configurable Power (Watts)	700 W
Harmonic distortion	Less than 3%
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
Crest factor	3 : 1
Topology	Double Conversion Online
Waveform Type	Sine wave
Bypass type	Built-in Bypass
Efficiency at full load	88 % full load)
Maximum configurable power in VA	1000 VA

Conformance

Product Certifications	CE DNV KCC
Standards	EN 50091-1 EN 50091-2 EN 55022 Class A EN 60950 EN 61000-3-2

Environmental

Ambient air temperature for operation	32…131 °F (0…55 °C)
Relative Humidity	0…95 % non-condensing
Operating altitude	0...10000 ft
Ambient Air Temperature for Storage	-4…122 °F (-20…50 °C)
Storage Relative Humidity	Non-condensing 0…95 %

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Storage altitude	0…50000 ft (0.00…15240.00 m)
Acoustic level	55 dBA
Heat dissipation	324 Btu/h
IP degree of protection	IP20

Batteries & Runtime

Included Battery Modules	1
Battery Slots Empty	0
Typical recharge time	3 h
RBC Quantity	1
Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Battery Charge Power (Watts)	109 W rated
Battery power in VAH	328 VAh runtime
Battery life	3…5 year(s)
Battery option	SURT48XLBP 1 984 VAh SURT48XLBP 2 1640 VAh SURT48XLBP 3 2296 VAh SURT48XLBP 4 2952 VAh SURT48XLBP 5 3608 VAh SURT48XLBP 8 5576 VAh SURT48XLBP 10 6888 VAh
Extendable Run Time	1

Communications & Management

Free slots	0
Pre-Installed SmartSlot™ Cards	Dry contact I/O smartslot card
Control panel	LED status display with load and battery bar-graphs and On Line : On Battery : Replace Battery : Overload and Bypass Indicators
Audible Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Emergency Power Off (EPO)	Optional

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
Package weight(Lbs)	61.29 lb(US) (27.8 kg)

Packing Units

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)
Number of Units in Package 3	6

Offer Sustainability

Sustainable offer status	Green Premium product

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
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

Contractual warranty

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

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