



APC Smart-UPS RT 1000VA 230V - Marine SURT1000XLIM

Call for More Information 800-800-4272

- High availability, ruggedized power protection for shipboard and other transportation applications.
- Includes: CD with software, Relay board, Smart UPS signalling RS-232 cable, User manual

Output	
Output power capacity	700 Watts / 1.0kVA
Max Configurable Power (Watts)	700 Watts / 1.0kVA
Nominal Output Voltage	230V
Output Voltage Note	Configurable for 220 : 230 or 240 nominal output voltage
Efficiency at Full Load	88.0 %
Output Voltage Distortion	Less than 3 %
Output Frequency (sync to mains)	50 Hz +/- 0.1 % For 50 Hz nominal Unsynchronised, 50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz Sync to mains, 60 Hz +/- 0.1 % For 60 Hz nominal Unsynchronised
Other Output Voltages	220 V, 240 V
Load Crest Factor	3 : 1
Topology	Double conversion online
Waveform type	Sine wave
Output Connections	(2) IEC Jumpers
Bypass	Built-in bypass


Input	
Nominal Input Voltage	230V
Input frequency	50/60 Hz +/- 5 Hz Auto-sensing
Input Connections	IEC 60320 C14
Cord Length	8.2ft (2.5meters)
Input voltage range for main operations	180 - 280V
Number of Power Cords	1

Disclaimer: 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's applications.

Technical Specifications

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Input	
Efficiency at Full Load	88.0 %
Other Input Voltages	220 V, 240 V
Input Power Factor at Full Load	1.0

Batteries & Runtime	
Battery type	Lead-acid battery
Included Battery Modules	1
Typical recharge time	3hour(s)
Replacement Battery	RBC31 
Expected Battery Life (years)	3 - 5
RBC Quantity	1
Battery Charge Power (Watts)	109 Watts
Extendable Run Time	1
Runtime	View Runtime Graph (Available in Technical Tab on site)

Communications & Management	
Interface Port(s)	DB-9 RS-232, SmartSlot
Pre-Installed SmartSlot™ Cards	AP9613 (Available in Technical Tab on site)
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	420Joules
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

Physical	
Maximum Height	17.01inches (432MM, 43.2CM)
Maximum Width	3.35inches (85MM, 8.5CM)
Maximum Depth	19.02inches (483MM, 48.3CM)

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Physical	
Rack Height	2U
Net Weight	50.71lbs. (23.0KG)
Shipping weight	61.29lbs. (27.8KG)
Shipping Height	11.26inches (286MM, 28.6CM)
Shipping Width	24.8inches (630MM, 63.0CM)
Shipping Depth	23.39inches (594MM, 59.4CM)
Color	Black
Units per Pallet	6.0

Environmental	
Operating Temperature	32 - 131 °F (0 - 55 °C)
Operating Relative Humidity	0 - 95 (Non-condensing) %
Operating Elevation	0 - 10000ft (0 - 3048meters)
Storage Temperature	-20 - 50 °C
Storage Relative Humidity	0 - 95 (Non-condensing) %
Storage Elevation	0 - 50000ft (0 - 15240meters)
Audible noise at 1 meter from surface of unit	55.0dBA
Online thermal dissipation	324.0BTU/hr
Protection Class	IP20

Conformance	
Approvals	CE, DNV, EN 50091-1, EN 50091-2, EN 55022 class A, EN 60950, EN 61000-3-2, KCC
Standard warranty	2 years repair or replace, optional on-site warranties available, optional extended warranties available

Sustainable Offer Status	
RoHS	Compliant
PEP	Available in Documentation tab
EOLI	Available in Documentation tab
Proposition 65 Warning	Available in Documentation tab

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