



APC Smart-UPS RT 1000VA 230V - Marine
Part Number: SURT1000XLIM



- Technical Specifications
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Output

Output Power Capacity	700 Watts / 1000 VA
Max Configurable Power	700 Watts / 1000 VA
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)	50/60 Hz +/- 3 Hz user adjustable +/- 0.1
Other Output Voltages	220, 240
Crest Factor	3 : 1
Topology	Double Conversion Online
Waveform Type	Sine wave
Output Connections	(6) IEC 320 C13
	(2) IEC Jumpers
Bypass	Built-in Bypass



Input

Nominal Input Voltage	230V
Input Frequency	50/60 Hz +/- 5 Hz (auto sensing)
Input Connections	IEC-320 C14

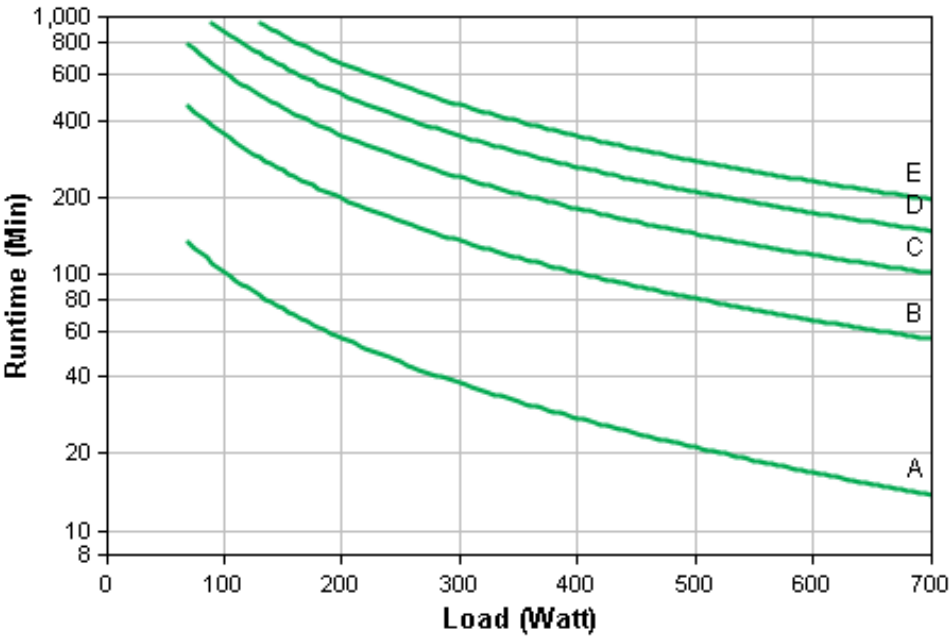
Cord Length	8.2 feet (2.50 meters)
Input voltage range for main operations	180 - 280V
Input voltage adjustable range for mains operation	100 - 280V
Other Input Voltages	220, 240

Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Included Battery Modules	1
Typical recharge time	3 hour(s)
Replacement Battery	RBC31
RBC Quantity	1
Extended Run Options	APC Smart-UPS RT 1000VA 230V - Marine

Runtime Graph

Curve	Part Number(s)
A	SURT1000XLIM
B	SURT1000XLIM + (1)SURT48XLBP
C	SURT1000XLIM + (2)SURT48XLBP
D	SURT1000XLIM + (3)SURT48XLBP
E	SURT1000XLIM + (4)SURT48XLBP



Hover over the line on the graph above to view the runtime at any desired load

Curve fit to measured runtime data. All measurements taken with new, fully charged batteries, at typical environmental conditions, with no electrical input and balanced resistive load (PF = 1.0) output.

Communications & Management

Interface Port(s)	DB-9 RS-232, SmartSlot
Available SmartSlot™ Interface Quantity	1
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 Joules
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

Physical

Maximum Height	17.00 inches (432 mm)
Maximum Width	3.35 inches (85 mm)
Maximum Depth	19.00 inches (483 mm)
Rack Height	2U
Net Weight	50.60 lbs. (23.00 kg)
Shipping Weight	61.16 lbs. (27.80 kg)
Shipping Height	11.25 inches (286 mm)
Shipping Width	24.82 inches (630 mm)
Shipping Depth	23.38 inches (594 mm)
Color	Black
Units per Pallet	6.00

Environmental

Operating Environment	32 - 131 °F (0 - 55 °C)
Operating Relative Humidity	0 - 95% no%
Operating Elevation	0-10000 feet (0-3000 meters)
Storage Temperature	-4 - 122 °F (-20 - 50 °C)
Storage Relative Humidity	0 - 95% no%
Storage Elevation	0-50000 feet (0-15000 meters)
Audible noise at 1 meter from surface of unit	55.00 dBA
Online Thermal Dissipation	324.00 BTU/hr
Protection Class	IP 20

Conformance

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

RoHS	Compliant
REACH	REACH: Contains No SVHCs
PEP	Available in Documentation tab
EOL	Available in Documentation tab
Other Environmental Compliance	China RoHS

*Except where noted, all prices are Estimated Resale Price (ERP) - Without Tax/VAT. Pricing in other locations and sites may vary.

**The time to recharge to 90% of full battery capacity following a discharge to shutdown using a load rated for 1/2 the full load rating of the UPS.