APC SURT1000XLIM

Smart-UPS RT 1000VA Marine UPS · Specification summary



Main Input Voltage	230 V
Product or component type	Uninterruptible power supply (UPS)
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
Battery type	Lead-acid battery
Battery recharge time	3 h
Number of battery replacement quantity	1
Battery life	3...5 year(s)
Variant option	Shipboard
Colour	Black
Height	432 mm
Width	85 mm
Depth	483 mm
Net weight	23 kg
Mounting location	Front
Mounting preference	Lower
Mounting mode	Rack-mounted
Input Power Factor at Full Load	1
Input voltage limits	180...280 V
Bypass type	Built-in bypass

Crest factor	3 : 1
Harmonic distortion	Less than 3 %
Maximum configurable power in VA	1000 VA
Maximum configurable power in W	700 W
Wave type	Sine wave
Efficiency	88 % (full load)
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
Product certifications	CE; DNV; KCC
Acoustic level	55 dBA
Heat dissipation	324 Btu/h
Operating altitude	0...10000 ft
Ambient air temperature for operation	0...55 °C
Ambient air temperature for storage	-20...50 °C
Storage altitude	0...15240 m
IP degree of protection	IP20
Relative humidity	0...95 % non-condensing

Specifications are summarised from the manufacturer's published information (checked 2026-11-02). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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