

Product data sheet

Specifications

APC Smart-UPS RT 6000VA 230V - Marine



SURT6000XLIM

⚠ Discontinued on: Mar 3, 2023

⚠ Discontinued

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	4200 W
Rated Power In Va	6000 VA
Output Connection Type	8 IEC 60320 C13 4 IEC Jumpers 2 IEC 60320 C19
Number Of Rack Unit	3U
Provided Equipment	User manual

Batteries & Runtime

Run Time	View Runtime Graph
Battery Type	Lead-acid battery
Number Of Battery Filled Slots	2
Battery Recharge Time	2 h
Number Of Battery Replacement Quantity	1
Battery Charger Power	525 W rated
Battery Life	3...5 year(s)
Replacement Battery	APCRBC140
Extended Runtime	1

General

Ups Type	Double conversion online
Number Of Power Module Free Slots	0

Disclaimer: This 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 applications

Number Of Power Module Filled Slots	0
Redundant	No

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

Network Frequency	50/60 Hz +/- 5 Hz auto-sensing
Number Of Input Connectors	1 hard wire 3-wire
Input Voltage Limits	180...270 V

Output

Maximum Configurable Power In Va	6000 VA
Maximum Configurable Power In W	4200 W
Output Frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains
Wave Type	Sine wave
Efficiency	92 % (full load)
Harmonic Distortion	Less than 3 %
Crest Factor	3 : 1
Bypass Type	Internal bypass (automatic and manual)
Additional Information	Configurable for 220 : 230 or 240 nominal output voltage

Conformance

Product Certifications	CE DNV KCC
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Environmental

Ambient Air Temperature For Operation	0...55 °C
Relative Humidity	0...95 % non-condensing
Operating Altitude	0...10000 ft
Ambient Air Temperature For Storage	-15...45 °C
Storage Relative Humidity	0...95 % non-condensing

Storage Altitude	0.00...15240.00 m
Acoustic Level	55 dBA
Heat Dissipation	1221 Btu/h
Ip Degree Of Protection	IP20

Communications & Management

Free Slots	0
Preinstalled Device	Dry contact I/O smartslot card
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Emergency Power Off	Yes

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 on-site warranties available, optional extended warranties available
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Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product's sustainability >](#)



Energy Efficient Take-back Transparency RoHS/REACH

Resource performance

✓ Energy Efficient Product

✓ Take-Back Program Available

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

Environmental Disclosure [Product Environmental Profile](#)

Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile [End of Life Information](#)