

Product datasheet

Specifications



APC Smart-UPS SRT 6000VA RM 230V Marine



SRT6KRMXLIM

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	6000 W
Rated power in VA	6000 VA
Output connection type	6 IEC 60320 C13 2 IEC Jumpers 4 IEC 60320 C19
Output connector type	Hard wire 3-wire (H N + E) 1
Number of rack unit	4U
Battery type	Lead-acid battery
Provided equipment	CD with software Installation guide Rack mounting hardware Rack mounting brackets Rack mounting support rails Temperature probe USB cable Warranty card

General

Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

Physical

Colour	Black
Height	17.4 cm

Width	43.2 cm
Depth	71.94 cm
Net weight	60 kg
Mounting location	Front
Mounting preference	No preference
Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	Yes

Input

Network frequency	40...70 Hz auto-sensing
Number of input connectors	1 hard wire 3-wire (1P + N + E)

Output

Maximum configurable power in W	6000 W
Harmonic distortion	Less than 3 %
Output frequency	50/60 Hz +/- 3 Hz sync to mains
Crest factor	3 : 1
UPS type	Double conversion online
Wave type	Sine wave
Bypass type	Internal bypass (automatic and manual)
Maximum configurable power in VA	6000 VA


Conformance

Product certifications	CE EAC RCM VDE
Marking	CE Mark
Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018

Environmental

Ambient air temperature for operation	0...40 °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	1300 Btu/h
IP degree of protection	IP20

Batteries & Runtime

Number of battery filled slots	0
Battery recharge time	1 h
Number of battery replacement quantity	1
Battery charger power	893 W rated
Battery power in VAH	902 VAh runtime
Battery life	3...5 year(s)
Replacement battery	APCRBC140 
Battery option	SRT192RMBP 1 2706 VAh SRT192RMBP 2 4510 VAh SRT192RMBP 3 6314 VAh SRT192RMBP 4 8118 VAh SRT192RMBP 5 9922 VAh SRT192RMBP 6 11726 VAh SRT192RMBP 8 15334 VAh SRT192RMBP 10 18942 VAh
Extended runtime	1

Communications & Management

Free slots	0
Preinstalled device	Dry contact I/O smartslot card
Alarm	Audible and visible alarms : prioritized by severity
Emergency power off	Yes

Surge Protection and Filtering

Surge energy rate	480 J
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	37 cm
Package 1 Width	96 cm
Package 1 Length	61 cm
Package 1 Weight	67 kg

Offer Sustainability

Sustainable offer status	Green Premium product
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
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

Contractual warranty

Warranty 3 years repair or replace (excluding battery) and 2 years for battery

Recommended replacement(s)