

Product data sheet

Specifications



APC Smart-UPS On-Line,
6kVA/6kW, Rackmount 4U, 230V,
6x C13+4x C19 IEC outlets, Network
Card+SmartSlot, Extended runtime,
W/ rail kit, Marine

SRT6KRMXLIM

⚠ 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
Kw Rating	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

Color	Black
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Height	6.85 in (17.4 cm)
Width	17.01 in (43.2 cm)
Depth	28.32 in (71.94 cm)
Net Weight	132.28 lb(US) (60 kg)
Mounting Location	Front
Mounting preference	No preference
Mounting Mode	Rack-mounted
Two post mountable	0
USB compatible	Yes

Input

Input Frequency	40 - 70 Hz auto-sensing
Number of input connectors	1 Hard Wire 3-wire (1PH+N+G)

Output

Max Configurable Power (Watts)	6000 W
Harmonic distortion	Less than 3%
Output frequency	50/60 Hz +/- 3 Hz sync to mains
Crest factor	3 : 1
Topology	Double Conversion Online
Waveform 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	32...104 °F (0...40 °C)
Relative Humidity	0...95 % non-condensing
Operating altitude	0...10000 ft
Ambient Air Temperature for Storage	5...113 °F (-15...45 °C)
Storage Relative Humidity	0...95 % non-condensing
Storage altitude	0...50000 ft (0.00...15240.00 m)
Acoustic level	55 dBA
Heat dissipation	1300 Btu/h
IP degree of protection	IP20

Batteries & Runtime

Included Battery Modules	0
Typical recharge time	1 h
RBC Quantity	1
Battery Charge Power (Watts)	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
Extendable Run Time	1

Communications & Management

Free slots	0
Pre-Installed SmartSlot™ Cards	Dry contact I/O smartslot card
Alarm	Audible and visible alarms : prioritized by severity
Emergency Power Off (EPO)	Yes

Surge Protection and Filtering

Surge energy rating	480 J
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Ordering and shipping details

GTIN	731304320838
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Packing Units

Unit Type of Package 1	Db
Number of Units in Package 1	1
Package 1 Height	14.57 in (37 cm)
Package 1 Width	37.80 in (96 cm)
Package 1 Length	24.02 in (61 cm)
Package 1 Weight	147.71 lb(US) (67 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
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
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Recommended replacement(s)