

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

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 Voltages	220 V 240 V
Number of input connectors	1 Hard Wire 3-wire (1PH+N+G)
Input Frequency	40 - 70 Hz auto-sensing
Output voltage	230 V
Other Output Voltages	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) for 1 zone(s)
Bypass type	Internal Bypass (Automatic and Manual)
Crest factor	3 : 1
Harmonic distortion	Less than 3%
Maximum configurable power in VA	6000 VA
Max Configurable Power (Watts)	6000 W
Topology	On-Line
Waveform Type	Sine wave
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz sync to mains

Complementary

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


Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.


Surge energy rating	480 J
Number of rack unit	4U
color	Black
Height	6.9 in (174 mm)
Width	17.008 in (432 mm)
Depth	28.3 in (719.4 mm)
Net Weight	132.3 lb(US) (60 kg)
Mounting Location	Front
Mounting preference	No preference
Mounting Mode	Rack-mounted
Two post mountable	0
USB compatible	Yes
Provided equipment	CD with software Installation guide Rack mounting hardware Rack Mounting brackets Rack Mounting support rails Temperature Probe USB cable Warranty card
Number of power module filled slots	0
Number of power module free slots	0
Redundant	No
Product or Component Type	Uninterruptible power supply (UPS)

Environment

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
Ambient Air Temperature for Operation	32...104 °F (0...40 °C)
Ambient Air Temperature for Storage	5...113 °F (-15...45 °C)
Storage altitude	0...50000 ft (0...15240 m)
IP degree of protection	IP20
Relative Humidity	0...95 % non-condensing
Storage Relative Humidity	0...95 % non-condensing
Acoustic level	55 dBA
Heat dissipation	1300 Btu/h
Operating altitude	0...10000 ft

Batteries & Runtime

Run Time [View Runtime Graph](#) 

Battery Type	Lead-Acid battery
Extendable Run Time	1
Included Battery Modules	0
Typical recharge time	1 h
RBC Quantity	1
Battery Life	3...5 year(s)
Replacement battery	APCRBC140 
Battery Charge Power (Watts)	893 W rated

Ordering and shipping details

GTIN	731304320838
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Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	14.6 in (37 cm)
Package 1 Width	37.8 in (96 cm)
Package 1 Length	24.02 in (61 cm)
Package weight(Lbs)	147.7 lb(US) (67 kg)

Contractual warranty

Warranty (in months)	36 UPS 24 Battery
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	28 629 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	453 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	5 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	28 166 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	4 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	4282bd22-a353-4f82-bb5c-97bbd7f1d1e9
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
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

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture


Recyclability potential, in %	65
Circularity Profile	End of Life Information
Removable battery	User replaceable
Take-back	Yes
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Image of product / Alternate images

Alternative













