

Product data sheet

Specifications



APC Smart-UPS On-Line, 6kVA/
6kW, Rackmount 4U, 208V, 2x
L6-20R+3x L6-30R NEMA outlets,
Network Card+SmartSlot,
Extended runtime, W/ rail kit

SRT6KRMXLT-A

Overview

Lead time	Usually in Stock
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Main

Main Input Voltage	208 V AC 1 phase
Input voltage	240 V
Input voltage limits	100...275 V adjustable (half load)
Number of input connectors	1 hard wire 3-wire (2P + E)
Network frequency	40...70 Hz auto-sensing
Output voltage	208 V AC 1 phase
Output voltage	240 V
Rated power in W	6000 W
rated power in VA	6000 VA
Output connection type	2 NEMA L6-20R 3 NEMA L6-30R
Output connector type	Hard wire 3-wire (2P + E) for 1 zone(s)
Bypass type	Internal bypass (automatic and manual)
Crest factor	3 : 1
Harmonic distortion	Less than 2 %
Maximum configurable power in VA	6000 VA
Maximum configurable power in W	6000 W
UPS type	On-Line
Wave type	Sine wave
Output frequency	50/60 Hz +/- 3 Hz sync to mains
Replacement battery	APCRBC140

Graphs

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph

Complementary

Battery type	Lead-acid internal included
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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

Emergency power off	Yes
Free slots	1
Preinstalled device	Network management card 3 with environmental monitoring
Alarm	Audible and visible alarms : prioritized by severity
UPS connectivity	Serial port USB port Available expansion slot Pre-installed network management card 3
Surge energy rate	480 J
Number of rack unit	4U
Colour	Black
Height	6.9 in (174 mm)
Width	17.008 in (432 mm)
Depth	28.3 in (719 mm)
Product weight	134.99 lb(US) (61.23 kg)
Mounting location	Front
Mounting preference	Lower
Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	Yes
Mounting position	Horizontal
Mounting mode	Rack-mounted with included kit
Provided equipment	CD with software Documentation CD Installation guide Rack mounting hardware Rack mounting brackets Rack mounting support rails Temperature probe USB cable Warranty card Web/SNMP management card
Number of power module filled slots	0
Number of power module free slots	0
Additional specification	High density
Redundant	No
Range of product	Smart-UPS On-Line
Product or component type	Uninterruptible power supply (UPS)

Environment

Product certifications	ENERGY STAR V2.0 (USA) FCC part 15 class A NOM UL 1778 BAA compliance
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	1402 Btu/h
Operating altitude	0...10000 ft

Batteries & Runtime

Battery type	Lead-acid battery
Battery voltage	192 V
Extended runtime	1
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	1.5 h
Number of battery replacement quantity	1
Battery life	3...5 year(s)
Battery charger power	579 W rated

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	14.6 in (37.0 cm)
Package 1 Width	37.8 in (96.0 cm)
Package 1 Length	24.02 in (61.0 cm)
Package 1 Weight	150.003 lb(US) (68.04 kg)

Contractual warranty

Warranty (in months)	24 Battery 36 UPS
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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	423 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	414 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]	0.1 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	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold



Energy efficiency

ENERGY STAR®	ENERGY STAR UPS V2.0 (USA)
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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	No
Take-back	Yes

Image of product / Alternate images

Alternative



