

Product data sheet

Specifications



APC Smart-UPS On-Line, 8kVA/
8kW, Rackmount 6U, 208V, 4x
L6-20R+2x L6-30R NEMA outlets,
Network Card+SmartSlot, Extended
runtime, W/ rail kit

SRT8KRMXLT

Overview

Lead time Usually in Stock

Main

Main Input Voltage	208 V AC 1 phase 240 V AC 1 phase
Product or component type	Uninterruptible power supply (UPS)
Other Input Voltage	240 V
Main Output Voltage	208 V 1 phase 240 V 1 phase
Other Output Voltage	240 V
Rated power in W	8000 W
Rated power in VA	8000 VA
Output connection type	4 NEMA L6-20R 2 NEMA L6-30R
Output connector type	Hard wire 3-wire (2P + E) 1
Number of rack unit	6U
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
Range of product	Smart-UPS On-Line

Complementary

Battery type	Lead-acid internal
UPS connectivity	Serial port USB port Embedded network management card 3
Mounting mode	Rack-mounted with included kit

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph

Battery type	Lead-acid battery
Battery voltage	+/- 192 V (split battery referenced to neutral)
Extended runtime	1
Number of battery filled slots	0
Battery recharge time	1.5 h
Number of battery replacement quantity	2
Battery life	3...5 year(s)
Replacement battery	APCRBC140 
Battery charger power	1136 W rated

General

Number of power module filled slots	0
Number of power module free slots	0
product web sub-family	High density
Redundant	No
UPS type	Double conversion online

Physical

Colour	Black
Height	263 mm
Width	432 mm
Depth	715 mm
Net weight	111.58 kg
Mounting location	Front
Mounting preference	No preference
Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	Yes

Input

Maximum input current	40 A
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

Bypass type	Internal bypass (automatic and manual)
Crest factor	3 : 1
Harmonic distortion	Less than 2 %
Maximum configurable power in VA	8000 VA
Maximum configurable power in W	8000 W

Wave type	Sine wave
Output frequency	50/60 Hz +/- 3 Hz sync to mains

Conformance

Product certifications	ENERGY STAR V2.0 (USA) FCC part 15 class A NOM UL 1778
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Environmental

Acoustic level	55 dBA
Heat dissipation	1712 Btu/h
Operating altitude	0...10000 ft
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-15...45 °C
Storage altitude	0...15240 m
IP degree of protection	IP20
Relative humidity	0...95 % non-condensing
Storage Relative Humidity	0...95 % non-condensing

Communications & Management

Emergency power off	Yes
Free slots	1
Preinstalled device	Network management card 3 with environmental monitoring
Alarm	Audible and visible alarms : prioritized by severity

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	46.1 cm
Package 1 Width	100 cm
Package 1 Length	60 cm
Package 1 Weight	129.73 kg

Contractual warranty

Warranty	3 years repair or replace (excluding battery) and 2 years for battery
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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	17015
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
REACH Regulation	REACH Declaration
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

Energy efficiency

Energy Efficiency Optimized	Energy efficient product
ENERGY STAR®	ENERGY STAR UPS V2.0 (USA)

Use Again

Repack and remanufacture

End of life manual availability	End of Life Information
Removable battery	User replaceable
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Technical Illustration

Dimensions



Image of product / Alternate images

Alternative







