

Product data sheet

Specifications



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

SRT8KXLT

Product availability: Non-Stock - Not normally stocked in distribution facility

Overview

Presentation	High density, double-conversion on-line power protection with scalable runtime.
Lead time	Usually in Stock

Main

Main Input Voltage	208 V AC 1 phase 240 V AC 1 phase
Other Input Voltages	240 V
Efficiency at full load	100...275 V adjustable (half load)
Number of input connectors	1 Hard Wire 3-wire (2PH + G)
Input Frequency	40 - 70 Hz auto-sensing
Output voltage	208 V 1 phase 240 V 1 phase
Other Output Voltages	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 (2PH + G) 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	8000 VA
Max Configurable Power (Watts)	8000 W
Topology	On-Line
Waveform 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

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

Complementary

Battery Size	Lead-acid internal included
Emergency Power Off (EPO)	Yes
Free slots	1
Pre-Installed SmartSlot Cards	Network management card 3 with environmental monitoring
Alarm	Audible and visible alarms : prioritized by severity
UPS connectivity	Serial port USB port Embedded network management card 3 Available expansion slot
Surge energy rating	480 J
color	Black
Height	17.008 in (432 mm)
Width	10.4 in (263 mm)
Depth	28.1 in (715 mm)
Product Weight	245.99 lb(US) (111.58 kg)
Mounting Location	Front
Mounting preference	No preference
Mounting Mode	Rack-mounted with kit
Two post mountable	0
USB compatible	Yes
Mounting mode	Tower
Provided equipment	CD with software Documentation CD Installation guide 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
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
Online Thermal Dissipation	1712 Btu/h
Operating altitude	0...10000 ft

Batteries & Runtime

Battery Type	Lead-Acid battery
Battery Voltage	+/-192 V (split battery referenced to neutral)
Extendable Run Time	1
Included Battery Modules	0
Typical recharge time	1.5 h
RBC Quantity	2
Battery Life	3...5 year(s)
Battery Charge Power (Watts)	1136 W rated

Ordering and shipping details

GTIN	731304292791
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Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	18.1 in (46.1 cm)
Package 1 Width	39.4 in (100 cm)
Package 1 Length	23.6 in (60 cm)
Package weight(Lbs)	279.00 lb(US) (126.55 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	16 993 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	1 612 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	18 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	15 347 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	16 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
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



Energy efficiency



ENERGY STAR®

ENERGY STAR UPS V2.0 (USA)

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.

Technical Illustration

Dimensions



Offer Marketing Illustration

Product benefits / Features

Installation Flexibility

The SRT series is rack/tower convertible to support evolving business needs.



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Product benefits / Features

Extended Runtime

Supports up to 10 external battery packs.

Estimated battery runtime at half load



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Product benefits / Features

Intuitive LCD interface

Real-time status updates with multiple language options, and intuitive navigation keys.



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Product benefits / Features

Live Swappable Batteries

Ensure clean, uninterrupted power to protected equipment while batteries are being replaced.



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Product benefits / Features

Keep your critical applications running
when you need them the most

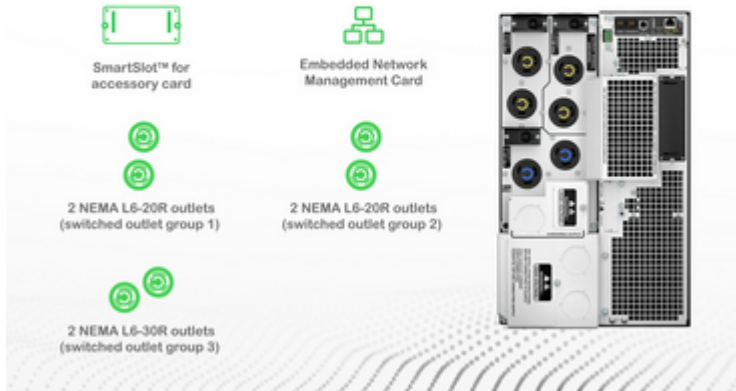


Offer Marketing Illustration

Product benefits / Features

Communication Ports and Outlets

Advanced monitoring and management capabilities with numerous outlets to power and protect all your sensitive devices.



The diagram illustrates the communication ports and outlets of the SRT8KXLT device. On the right, a vertical view of the device shows various ports and outlets. On the left, icons and text describe the features:

- SmartSlot™ for accessory card**: Represented by a green icon of a card slot.
- Embedded Network Management Card**: Represented by a green icon of a network card.
- 2 NEMA L6-20R outlets (switched outlet group 1)**: Represented by two green icons of L6-20R outlets.
- 2 NEMA L6-20R outlets (switched outlet group 2)**: Represented by two green icons of L6-20R outlets.
- 2 NEMA L6-30R outlets (switched outlet group 3)**: Represented by two green icons of L6-30R outlets.

Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features

Premium Power Protection

Maintain business operations, customer satisfaction, and revenue by mitigating power and voltage disruptions.



8kVA / 8kW
Battery backup



Pure Sine Wave
Power



Double-conversion
on-line power
protection



95.1%
Online efficiency



Offer Marketing Illustration

Product benefits / Features



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Product benefits / Features

Intelligent battery management



Battery replacement recommendations



Temperature-compensated charging



Periodic battery self-test



Disconnect battery notifications



Image of product / Alternate images

Alternative



