

# Product data sheet

Specifications



APC Smart-UPS On-Line, 8kVA/  
8kW, Tower, 208V, 8x 5-20R+6x  
L6-20R+2x L6-30R+1x L14-30R  
NEMA, NMC+SmartSlot, W/  
transformer 208V to 120V, W/O rail  
kit

SRT8KXLT-5KTF

## Overview

Lead time	Usually in Stock
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## Main

Main Input Voltage	208 V
product or component type	Uninterruptible power supply (UPS)
Other Input Voltage	240 V
Main Output Voltage	120 V 208 V
Other Output Voltage	240 V
Rated power in W	8000 W
Rated power in VA	8000 VA
output connection type	8 NEMA 5-20R 6 NEMA L6-20R 2 NEMA L6-30R 1 NEMA L14-30R
Output connector type	Hard wire 3-wire (2P + E) 1
Provided equipment	CD with software Documentation CD Installation guide Temperature probe USB cable Warranty card Web/SNMP management card

## Batteries & Runtime

Run Time	<a href="#">View Runtime Graph</a>
Efficiency	<a href="#">View Efficiency Graph</a>
Battery type	Lead-acid battery
Number of battery filled slots	0
Battery recharge time	1.5 h
Number of battery replacement quantity	2
Battery voltage	+/- 192 V (split battery referenced to neutral)
Battery charger power	1136 W rated
Battery life	3...5 year(s)

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

Replacement battery	<a href="#">APCRBC140</a> 
Extended runtime	1

## General

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

## Physical

Colour	Black
Height	43.2 cm
Width	39.2 cm
Depth	71.5 cm
net weight	168.28 kg
mounting location	Front
Mounting preference	No preference
mounting mode	Rack-mounted with kit
Two post mountable	0
USB compatible	Yes
Mounting position	Vertical

## Input

Network frequency	40...70 Hz auto-sensing
Number of input connectors	1 hard wire 3-wire (2P + E)
Input voltage limits	100...275 V adjustable (half load)

## Output

Maximum configurable power in VA	8000 VA
Maximum configurable power in W	8000 W
Output frequency	50/60 Hz +/- 3 Hz sync to mains
Wave type	Sine wave
Harmonic distortion	Less than 2 %
Crest factor	3 : 1
Bypass type	Internal bypass (automatic and manual)

## Conformance

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

Ambient air temperature for operation	0...40 °C
Relative humidity	0...95 % non-condensing
Operating altitude	0...10000 ft
Ambient air temperature for storage	-15...45 °C
Storage Relative Humidity	0...95 % non-condensing
Storage altitude	0.0000000000...15240.0000000000 m
Acoustic level	55 dBA
heat dissipation	1712 Btu/h
IP degree of protection	IP20

## Communications & Management

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

## 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	80.8 cm
Package 1 Width	100 cm
Package 1 Length	60.3 cm
Package 1 Weight	190.06 kg

## Contractual warranty

Warranty	3 years repair or replace (excluding battery) and 2 years for battery
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## Sustainability

**Green Premium™** label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Energy Efficient   Take-back   Transparency   RoHS/REACH

## Resource performance

✓ Energy Efficient Product

✓ Take-Back Program Available

## Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   [Yes](#)

## Environmental Certifications

✓ Energy Star®   ENERGY STAR UPS V2.0 (USA)

## Certifications & Standards

Reach Regulation   [REACH Declaration](#)

Eu Rohs Directive   Compliant with Exemptions

Environmental Disclosure   [Product Environmental Profile](#)

Circularity Profile   [End of Life Information](#)

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](http://www.P65Warnings.ca.gov)