

# 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



**Corporate Armor**

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## Overview

Lead time Usually in Stock

## Main

Main Input Voltage	208 V
Other Input Voltage	240 V
Main Output Voltage	120 V 208 V
Other Output Voltage	240 V
Kw Rating	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 (2PH + G) 1
Battery Type	Lead-Acid battery
Provided equipment	CD with software Documentation CD Installation guide Temperature Probe USB cable Warranty card Web/SNMP Management Card

## General

Product web sub-family	High density
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

## Physical

Color	Black
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<b>Height</b>	17.01 in (43.2 cm)
<b>Width</b>	15.43 in (39.2 cm)
<b>Depth</b>	28.15 in (71.5 cm)
<b>Net Weight</b>	370.99 lb(US) (168.28 kg)
<b>Mounting Location</b>	Front
<b>Mounting preference</b>	No preference
<b>Mounting Mode</b>	Rack-mounted with kit
<b>Two post mountable</b>	0
<b>USB compatible</b>	Yes
<b>Mounting position</b>	Vertical

## Input

<b>Input Frequency</b>	40 - 70 Hz auto-sensing
<b>Number of input connectors</b>	1 Hard Wire 3-wire (2PH + G)
<b>Efficiency at full load</b>	100...275 V adjustable (half load)

## Output

<b>Max Configurable Power (Watts)</b>	8000 W
<b>Harmonic distortion</b>	Less than 2%
<b>Output frequency</b>	50/60 Hz +/- 3 Hz sync to mains
<b>Crest factor</b>	3 : 1
<b>Topology</b>	Double Conversion Online
<b>Waveform Type</b>	Sine wave
<b>Bypass type</b>	Internal Bypass (Automatic and Manual)
<b>Maximum configurable power in VA</b>	8000 VA

## Conformance




<b>Product Certifications</b>	ENERGY STAR V2.0 (USA) FCC part 15 class A UL 1778
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## Environmental

<b>Ambient Air Temperature for Operation</b>	32...104 °F (0...40 °C)
<b>Relative Humidity</b>	0...95 % non-condensing
<b>Operating altitude</b>	0...10000 ft
<b>Ambient Air Temperature for Storage</b>	5...113 °F (-15...45 °C)
<b>Storage Relative Humidity</b>	0...95 % Non-condensing
<b>Storage altitude</b>	0...50000 ft (0.00...15240.00 m)
<b>Acoustic level</b>	55 dBA
<b>Heat dissipation</b>	1712 Btu/h
<b>IP degree of protection</b>	IP20

## Batteries & Runtime

<b>Included Battery Modules</b>	0
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Typical recharge time	1.5 h
RBC Quantity	2
Battery Voltage	+/-192 V (split battery referenced to neutral)
Battery Charge Power (Watts)	1136 W rated
Battery power in VAH	1716 VAh runtime
Battery life	3...5 year(s)
Replacement battery	<a href="#">APCRBC140</a>  <a href="#">SRT192BP2US</a>  <a href="#">SRT192RMBPUS</a> 
Battery option	SRT192BP2 1 3432 VAh SRT192BP2 2 5148 VAh SRT192BP2 3 6864 VAh SRT192BP2 4 8580 VAh SRT192BP2 5 10296 VAh SRT192BP2 6 12012 VAh SRT192BP2 8 15444 VAh SRT192BP2 10 18876 VAh
Extendable Run Time	1

## Communications & Management

Free slots	1
Control panel	Multi-function LCD status and control console
Audible Alarm	Audible and visible alarms prioritized by severity
Emergency Power Off (EPO)	Yes


## Surge Protection and Filtering

Surge energy rating	480 J
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## Packing Units

Unit Type of Package 1	PCE
Package 1 Length	23.74 in (60.3 cm)
Number of Units in Package 1	1
Number of Units in Package 3	1
Package 1 Width	39.37 in (100 cm)
Package 1 Height	31.81 in (80.8 cm)
Package 1 Weight	419.01 lb(US) (190.06 kg)

## Offer Sustainability

Sustainable offer status	Green Premium product
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
ENERGY STAR®	<a href="#">ENERGY STAR UPS V2.0 (USA)</a> 
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

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<b>Circularity Profile</b>	<a href="#">End of Life Information</a>
<b>Optimized Energy Efficiency</b>	Energy efficient product
<b>Take-back</b>	Take-back program available

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## **Contractual warranty**

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<b>Warranty</b>	3 years repair or replace (excluding battery) and 2 years for battery
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