

# 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

**Product availability : Stock - Normally stocked in distribution facility**

## Overview

Lead time Usually in Stock

## Main

Main Input Voltage 208 V

Other Input Voltage 240 V

Main Output Voltage 208 V

Other Output Voltage 240 V

Kw Rating 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) 1

Number of rack unit 6U

Battery type Lead-Acid battery

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

## Batteries & Runtime

Included Battery Modules 0

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	SRT192RMBP2 1 3432 VAh SRT192RMBP2 2 5148 VAh SRT192RMBP2 3 6864 VAh SRT192RMBP2 4 8580 VAh SRT192RMBP2 5 10296 VAh SRT192RMBP2 6 12012 VAh SRT192RMBP2 8 15444 VAh SRT192RMBP2 10 18876 VAh

Extendable Run Time	1
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## 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
Height	10.35 in (26.3 cm)
Width	17.01 in (43.2 cm)
Depth	28.15 in (71.5 cm)
Net Weight	245.99 lb(US) (111.58 kg)
Mounting Location	Front
Mounting preference	No preference
Mounting Mode	Rack-mounted
Two post mountable	0
USB compatible	Yes

## Input

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

## Output

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

## Conformance

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

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

## Communications & Management

Free slots	1
Pre-Installed SmartSlot™ Cards	Network management card 3 with environmental monitoring
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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## Ordering and shipping details

Category	11309-APC RESALE PRODUCTS
Discount Schedule	APC1
GTIN	731304292760
Returnability	No
Country of origin	PH


## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	18.15 in (46.1 cm)
Package 1 Width	39.37 in (100 cm)
Package 1 Length	23.62 in (60 cm)
Package 1 Weight	286.01 lb(US) (129.73 kg)

## Offer Sustainability

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

## Contractual warranty

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