

Product data sheet

Specifications



APC Smart-UPS On-Line, 8kVA/8kW, Rackmount 8U, 208V, 12x 5-20R+4x L6-20R+1x L6-30R NEMA, Network Card+SmartSlot, W/transformer 208V to 120V, W/rail kit

SRT8KRMXLT-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)
Main Output Voltage	120 V
Rated power in W	8000 W
Rated power in VA	8000 VA
output connection type	12 NEMA 5-20R 4 NEMA L6-20R 1 NEMA L6-30R
Output connector type	Hard wire 3-wire (2P + E) 1
Number of rack unit	8U
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

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Battery type	Lead-acid battery
Number of battery filled slots	0
Battery recharge time	1.5 h
Number of battery replacement quantity	1
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	APCRBC140 
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	13.9 in (35.2 cm)
Width	17.008 in (43.2 cm)
Depth	28.1 in (71.5 cm)
net weight	340.99 lb(US) (154.67 kg)
mounting location	Front
Mounting preference	Lower
mounting mode	Rack-mounted
Two post mountable	0
USB compatible	Yes
Mounting position	Horizontal

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	32.0000000000...104.0000000000 °F (0...40 °C)
Relative humidity	0...95 % non-condensing
Operating altitude	0...10000 ft
Ambient air temperature for storage	5.0000000000...113.0000000000 °F (-15...45 °C)
Storage Relative Humidity	0...95 % non-condensing
Storage altitude	0...50000 ft (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	28.1 in (71.5 cm)
Package 1 Width	39.4 in (100 cm)
Package 1 Length	24.5 in (62.2 cm)
Package 1 Weight	395.99 lb(US) (179.62 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-CO₂ 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](#)