

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

Main

Main Input Voltage	208 V AC 1 phase 240 V AC 1 phase
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	120 V 1 phase 208 V 1 phase 240 V 1 phase
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 (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](#)

Complementary

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

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
Number of rack unit	8U
color	Black
Height	13.9 in (352 mm)
Width	17.008 in (432 mm)
Depth	28.1 in (715 mm)
Product 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
Mounting mode	Rack-mounted with included kit
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
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 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	1
Battery Life	3...5 year(s)
Battery Charge Power (Watts)	1136 W rated

Ordering and shipping details

GTIN	731304732969
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Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	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 weight(Lbs)	395.99 lb(US) (179.62 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	17 657 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	2 263 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	25 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]	22 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)
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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

Technical Illustration

Dimensions



Image of product / Alternate images

Alternative



