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

Main

Main input voltage	208 V AC 1 phase 240 V AC 1 phase
Efficiency at full load	100...275 V adjustable (half load)
Input connection	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	12 NEMA 4 NEMA 1 NEMA
Output connection	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
Maximum configurable power in W	8000 W
UPS topology	On-Line
Waveform type	Sine wave
Output frequency	50/60 Hz +/- 3 Hz sync to mains
Replacement battery	APCRBC140

Graphs

Runtime	View Runtime Graph
Efficiency	View Efficiency Graph

Complementary

Battery type	Lead-acid internal included
Emergency power off	Yes
Free slot	1

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

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

Preinstalled device	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 certification	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 protection	IP20
Relative humidity	0…95 % non-condensing
Storage relative humidity	0…95 % non-condensing

Acoustic level	55 dBA
Heat 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 runtime	1
Included battery module	0
Typical recharge time	1.5 h
RBC quantity	1
Battery life	3…5 year(s)
Battery charging power	1136 W rated

Ordering and shipping details

GTIN	731304732969

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

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)**

Use Again

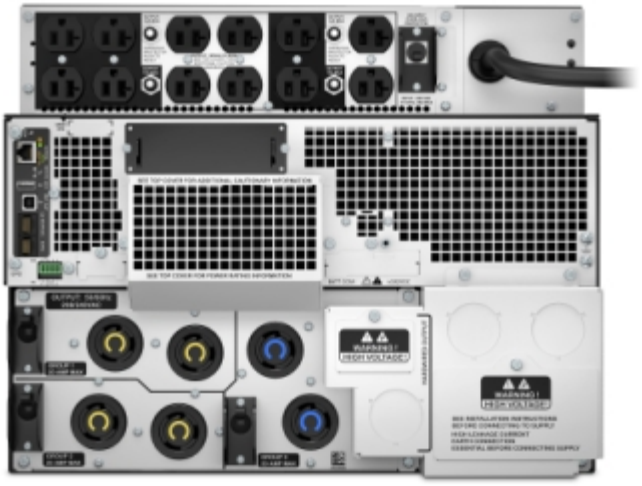
Repack and remanufacture

Recyclability potential, in %	**65**
Removable battery	**User replaceable**
Take-back	**Yes**

Image of product / Alternate images

Alternative


Load
2695
Online
ESC
OK




Run
Time
10m 02s
Online
ESC
OK