

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

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
Rated Power In W	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 (2P + E) 1
Number Of Rack Unit	6U
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

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	2
Battery Voltage	+/- 192 V (split battery referenced to neutral)
Battery Charger Power	1136 W rated
Battery Life	3...5 year(s)
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	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

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 NOM UL 1778
------------------------	---

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
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
-------------------	-------

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)

Contractual warranty

Warranty	3 years repair or replace (excluding battery) and 2 years for battery
----------	---

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.

[Learn more about Green Premium >](#)




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](#)
