Product data sheet

Specifications

APC

Green Premium™

APC Smart-UPS On-Line, 8kVA/ 8kW, Tower, 208V, 8x 5-20R+6x L6-20R+2x L6-30R+1x L14-30R NEMA, NMC+SmartSlot, W/ transformer 208V to 120V, W/O rail kit

SRT8KXLT-5KTF

Overview

Lead time	Usually in Stock

Main

Main Input Voltage	208 V
product or component type	Uninterruptible power supply (UPS)
Other Input Voltage	240 V
Main Output Voltage	120 V 208 V
Other Output Voltage	240 V
Rated power in W	8000 W
Rated power in VA	8000 VA
output connection type	8 NEMA 5-20R 6 NEMA L6-20R 2 NEMA L6-30R 1 NEMA L14-30R
Output connector type	Hard wire 3-wire (2P + E) 1
Provided equipment	CD with software Documentation CD Installation guide 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	17.008 in (43.2 cm)
Width	15.43 in (39.2 cm)
Depth	28.1 in (71.5 cm)
net weight	370.99 lb(US) (168.28 kg)
mounting location	Front
Mounting preference	No preference
mounting mode	Rack-mounted with kit
Two post mountable	0
USB compatible	Yes
Mounting position	Vertical

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

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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	31.81 in (80.8 cm)
Package 1 Width	39.4 in (100 cm)
Package 1 Length	23.7 in (60.3 cm)
Package 1 Weight	419.01 lb(US) (190.06 kg)

Contractual warranty

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

Sustainability

Green Premium^{TM} 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-CO_2 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