

Product data sheet

Specifications



APC Smart-UPS RT 20kVA, 208V, LCD, rackmount, 16U, 2x L5-20R & 4x L6-20R & 2x L6-30R & 2x L14-30R NEMA outlets, w/transfo 208V to 120V

SURT20KRMXLT-1TF10K

Overview

Lead time Usually Ships within 2 Weeks

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
Kw Rating	16000 W
Rated power in VA	20000 VA
output connection type	2 NEMA L5-20R 4 NEMA L6-20R 2 NEMA L6-30R 2 NEMA L14-30R
Output connector type	Hard Wire 4-wire (2PH+N+G) 1
number of rack unit	16U
Provided equipment	CD with software Rack Mounting support rails Smart UPS signalling RS-232 cable User Manual Web/SNMP Management Card

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Battery Type	Lead-Acid battery
Included Battery Modules	4
Battery Slots Empty	0
Typical recharge time	2.5 h
RBC Quantity	4
Battery Voltage	+/-192 V (split battery referenced to neutral)
End of Discharge Battery Voltage	+/-154 V
Battery Charge Power (Watts)	1530 W rated
Battery life	3...5 year(s)

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

Extendable Run Time	1
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General

Topology	Double Conversion Online
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

Physical

color	Black
Height	27.87 in (70.8 cm)
Width	17.008 in (43.2 cm)
Depth	30.4 in (77.3 cm)
Net Weight	766.61 lb(US) (347.73 kg)
Mounting Location	Front
Mounting preference	Lower
Mounting Mode	Rack-mounted
Two post mountable	0
USB compatible	No

Input

Input Frequency	40 - 70 Hz auto-sensing
Number of input connectors	1 Hard Wire 3-wire (2PH + G)
Efficiency at full load	160...280 V
Maximum Input Current per Phase	105 A
Switching current capacity	125 A
Input Total Harmonic Distortion	Less than 5% for full load
Input Power Factor at Full Load	0.98

Output

Maximum configurable power in VA	20000 VA
Max Configurable Power (Watts)	16000 W
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 sync to mains
Waveform Type	Sine wave
Overload Operation	60 seconds @ 125% and 30 seconds @ 150%
Efficiency at full load	93 % in battery operation)
Harmonic distortion	Less than 5%
Crest factor	3 : 1
Bypass type	Built-in Static Bypass Internal Bypass (Automatic and Manual) Optional External Bypass

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 (0.0000000000...15240.0000000000 m)
Acoustic level	59 dBA
Online Thermal Dissipation	4320 Btu/h
IP degree of protection	IP20

Communications & Management

Free slots	0
Pre-Installed SmartSlot™ Cards	Network management card 2 with environmental monitoring
Emergency Power Off (EPO)	Yes

Surge Protection and Filtering

Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m
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Ordering and shipping details

GTIN	731304619352
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	54.96 in (139.6 cm)
Package 1 Width	39.5 in (100.3 cm)
Package 1 Length	24.02 in (61 cm)
Package 1 Weight	968.03 lb(US) (439.09 kg)

Contractual warranty

Warranty	2 years repair or replace
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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 >](#)



Transparency RoHS/REACH

Well-being performance



Rohs Exemption Information

Yes

Certifications & Standards

Reach Regulation	REACH Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information