

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
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
Battery type	Lead-Acid battery
Provided equipment	CD with software Rack Mounting support rails Smart UPS signalling RS-232 cable User Manual Web/SNMP Management Card

Batteries & Runtime

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 power in VAh	3840 VAh runtime
Battery Life	3...5 year(s)
Battery option	SURT192RMXLBP2 1 7680 VAh

SURT192RMXLBP2 2 11520 VAh
 SURT192RMXLBP2 3 15360 VAh
 SURT192RMXLBP2 4 19200 VAh
 SURT192RMXLBP2 5 23040 VAh
 SURT192RMXLBP2 6 26880 VAh
 SURT192RMXLBP2 7 30720 VAh
 SURT192RMXLBP2 9 38400 VAh

Extendable Run Time	1
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General

Number of power module free slots	0
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Number of power module filled slots	0
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Redundant	No
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Physical

Color	Black
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Height	27.87 in (70.8 cm)
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Width	17.01 in (43.2 cm)
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Depth	30.43 in (77.3 cm)
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Net Weight	766.61 lb(US) (347.73 kg)
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Mounting Location	Front
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Mounting preference	Lower
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Mounting Mode	Rack-mounted
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Two post mountable	0
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USB compatible	No
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Input

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

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

Maximum configurable power in VA	20000 VA
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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	59 dBA
Heat 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	39.49 in (100.3 cm)
Package 1 Length	24.02 in (61 cm)
Package 1 Weight	968.03 lb(US) (439.09 kg)

Offer Sustainability

REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
RoHS exemption information	Yes

Contractual warranty

Warranty	2 years repair or replace
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Recommended replacement(s)