

# Product data sheet

Specifications



## APC Smart-UPS RT 20kVA, 208V, LCD, rackmount, 12U, 4x NEMA L6-20R & 2x NEMA L6-30R outlets

SURT20KRMXLT

**Product availability : Stock - Normally stocked in distribution facility**

### Overview

**Lead time** Usually Ships within 2 Weeks

### Main

<b>Main Input Voltage</b>	208 V
<b>Other Input Voltage</b>	240 V
<b>Main Output Voltage</b>	208 V
<b>Other Output Voltage</b>	240 V
<b>Kw Rating</b>	16000 W
<b>Rated power in VA</b>	20000 VA
<b>Output connection type</b>	4 NEMA L6-20R 2 NEMA L6-30R
<b>Output connector type</b>	Hard Wire 3-wire (2PH + G) 1
<b>Number of rack unit</b>	12U
<b>Battery type</b>	Lead-Acid battery
<b>Provided equipment</b>	CD with software Rack Mounting support rails Smart UPS signalling RS-232 cable User Manual Web/SNMP Management Card

### Batteries & Runtime

<b>Included Battery Modules</b>	4
<b>Battery Slots Empty</b>	0
<b>Typical recharge time</b>	2 h
<b>RBC Quantity</b>	4
<b>Additional information</b>	Configurable for 208 or 240 nominal output voltage
<b>Battery voltage</b>	+/-192 V (split battery referenced to neutral)
<b>End of Discharge Battery Voltage</b>	+/-154 V
<b>Battery Charge Power (Watts)</b>	1910 W rated
<b>Battery power in VAH</b>	3840 VAh runtime
<b>Battery Life</b>	3...5 year(s)
<b>Replacement battery</b>	<a href="#">APCRBC140</a>

<b>Battery option</b>	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
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<b>Extendable Run Time</b>	1
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## General

<b>Number of power module free slots</b>	0
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<b>Number of power module filled slots</b>	0
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<b>Redundant</b>	No
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## Physical

<b>Color</b>	Black
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<b>Height</b>	20.98 in (53.3 cm)
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<b>Width</b>	17.01 in (43.2 cm)
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<b>Depth</b>	30.43 in (77.3 cm)
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<b>Net Weight</b>	546.15 lb(US) (247.73 kg)
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<b>Mounting Location</b>	Front
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<b>Mounting preference</b>	Lower
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<b>Mounting Mode</b>	Rack-mounted
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<b>Two post mountable</b>	0
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<b>USB compatible</b>	No
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## Input

<b>Input Frequency</b>	40 - 70 Hz auto-sensing
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<b>Number of input connectors</b>	1 Hard Wire 3-wire (2PH + G)
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<b>Efficiency at full load</b>	160...280 V
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<b>Maximum Input Current per Phase</b>	114 A
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<b>Switching current capacity</b>	125 A
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<b>Input Total Harmonic Distortion</b>	Less than 5% for full load
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<b>Input Power Factor at Full Load</b>	0.99
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## Output

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

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Maximum configurable power in VA	20000 VA
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## Conformance

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Product Certifications	UL 1778
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## Environmental

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Ambient air temperature for operation	32...104 °F (0...40 °C)
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Relative Humidity	0...95 % non-condensing
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Operating altitude	0...10000 ft
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Ambient Air Temperature for Storage	5...113 °F (-15...45 °C)
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Storage Relative Humidity	0...95 % non-condensing
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Storage altitude	0...50000 ft (0.00...15240.00 m)
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Acoustic level	59 dBA
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Heat dissipation	4320 Btu/h
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IP degree of protection	IP20
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## Communications & Management

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

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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

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Category	80230-IG SEBA TO SEUSA
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Discount Schedule	BMS1
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GTIN	731304266358
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Returnability	No
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Country of origin	PH
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## Packing Units

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Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	38.98 in (99 cm)
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Package 1 Width	39.49 in (100.3 cm)
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Package 1 Length	24.02 in (61 cm)
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Package 1 Weight	692.85 lb(US) (314.27 kg)
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## Offer Sustainability

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Sustainable offer status	Green Premium product
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<b>California proposition 65</b>	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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Compliant <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	Yes
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>Circularity Profile</b>	<a href="#">End of Life Information</a>
<b>Optimized Energy Efficiency</b>	Energy efficient product
<b>Take-back</b>	Take-back program available

## Contractual warranty

<b>Warranty</b>	2 years repair or replace
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## Recommended replacement(s)