

# 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

Main Input Voltage	208 V
Product or Component Type	Uninterruptible power supply (UPS)
Other Input Voltage	240 V
Main Output Voltage	208 V
Other Output Voltage	240 V
Kw Rating	16000 W
Rated power in VA	20000 VA
output connection type	4 NEMA L6-20R 2 NEMA L6-30R
Output connector type	Hard Wire 3-wire (2PH + G) 1
Number of rack unit	12U
Provided equipment	CD with software Rack Mounting support rails Smart UPS signalling RS-232 cable User Manual Web/SNMP Management Card
Range of Product	Smart-UPS On-Line

## Batteries & Runtime

Run Time	<a href="#">View Runtime Graph</a>
Efficiency	<a href="#">View Efficiency Graph</a>
Battery Type	Lead-Acid battery
Included Battery Modules	4
Battery Slots Empty	0
Typical recharge time	2 h
RBC Quantity	4
Battery Voltage	+/-192 V (split battery referenced to neutral)
End of Discharge Battery Voltage	+/-154 V
Battery Charge Power (Watts)	1910 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.

Replacement battery	<a href="#">APCRBC140</a> 
Extendable Run Time	1

## 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	21.0 in (53.3 cm)
Width	17.008 in (43.2 cm)
Depth	30.4 in (77.3 cm)
Net Weight	546.15 lb(US) (247.73 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	114 A
Switching current capacity	125 A
Input Total Harmonic Distortion	Less than 5% for full load
Input Power Factor at Full Load	0.99

## 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

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Additional information	Configurable for 208 or 240 nominal output voltage
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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	32.0000000000...104.0000000000 °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	5.0000000000...113.0000000000 °F (-15...45 °C)
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Storage Relative Humidity	0...95 % non-condensing
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Storage altitude	0...50000 ft (0.0000000000...15240.0000000000 m)
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Acoustic level	59 dBA
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Online Thermal 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	39.0 in (99 cm)
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Package 1 Width	39.5 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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## Contractual warranty

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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-CO<sub>2</sub> 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

Rohs Exemption Information Yes

## Certifications & Standards

**Reach Regulation** [REACH Declaration](#)

**Eu Rohs Directive** Compliant with Exemptions

**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](#)

**California Proposition 65** **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 [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)