

# Product data sheet

Specifications



APC Smart-UPS On-Line, 6kVA/  
6kW, Rackmount 6U, 208V, 12x  
5-20R+2x L6-20R+2x L6-30R  
NEMA, Network Card+SmartSlot,  
W/ transformer 208V-120V, W/ rail  
kit

SRT6KRMXLT-5KTF

**Product availability: Non-Stock - Not normally stocked in  
distribution facility**

## Overview

Lead time Usually in Stock

## Main

Main Input Voltage	208 V AC 1 phase 240 V AC 1 phase
Efficiency at full load	100...275 V adjustable (half load)
Number of input connectors	1 Hard Wire 3-wire (2PH + G)
Input Frequency	40 - 70 Hz auto-sensing
Output voltage	120 V 1 phase 208 V 1 phase 240 V 1 phase
Rated power in W	6000 W
rated power in VA	6000 VA
output connection type	12 NEMA 5-20R 2 NEMA L6-20R 2 NEMA L6-30R
Output connector type	Hard Wire 3-wire (2PH + G) for 1 zone(s)
Bypass type	Internal Bypass (Automatic and Manual)
Crest factor	3 : 1
Harmonic distortion	Less than 2%
Maximum configurable power in VA	6000 VA
Max Configurable Power (Watts)	6000 W
Topology	On-Line
Waveform Type	Sine wave
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz sync to mains

## Complementary

Battery Size	Lead-acid internal included
Emergency Power Off (EPO)	Yes
Free slots	1
Pre-Installed SmartSlot&trade; Cards	Network management card 3 with environmental monitoring

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




<b>Alarm</b>	Audible and visible alarms : prioritized by severity
<b>UPS connectivity</b>	Serial port USB port Embedded network management card 3 Available expansion slot
<b>Surge energy rating</b>	480 J
<b>Number of rack unit</b>	6U
<b>color</b>	Black
<b>Height</b>	10.4 in (263 mm)
<b>Width</b>	17.008 in (432 mm)
<b>Depth</b>	28.3 in (719 mm)
<b>Net Weight</b>	230.008 lb(US) (104.33 kg)
<b>Mounting Location</b>	Front
<b>Mounting preference</b>	Lower
<b>Mounting Mode</b>	Rack-mounted
<b>Two post mountable</b>	0
<b>USB compatible</b>	Yes
<b>Mounting position</b>	Horizontal
<b>Mounting mode</b>	Rack-mounted with included kit
<b>Provided equipment</b>	CD with software Documentation CD Installation guide Rack mounting hardware Rack Mounting brackets Rack Mounting support rails Temperature Probe USB cable Warranty card Web/SNMP Management Card
<b>Number of power module filled slots</b>	0
<b>Number of power module free slots</b>	0
<b>Additional specification</b>	High density
<b>Redundant</b>	No
<b>Range of Product</b>	Smart-UPS On-Line
<b>Product or Component Type</b>	Uninterruptible power supply (UPS)

## Environment

<b>Product Certifications</b>	ENERGY STAR V2.0 (USA) FCC part 15 class A UL 1778
<b>Ambient Air Temperature for Operation</b>	32...104 °F (0...40 °C)
<b>Ambient Air Temperature for Storage</b>	5...113 °F (-15...45 °C)
<b>Storage altitude</b>	0...50000 ft (0...15240 m)
<b>IP degree of protection</b>	IP20
<b>Relative Humidity</b>	0...95 % non-condensing
<b>Storage Relative Humidity</b>	0...95 % non-condensing
<b>Acoustic level</b>	55 dBA

Heat dissipation	1402 Btu/h
Operating altitude	0...10000 ft

## Batteries & Runtime

Run Time	<a href="#">View Runtime Graph</a> 
Efficiency	<a href="#">View Efficiency Graph</a> 
Battery Type	Lead-Acid battery
Battery Voltage	192V
Extendable Run Time	1
Included Battery Modules	0
Battery Slots Empty	0
Typical recharge time	1.5 h
RBC Quantity	1
Battery Life	3...5 year(s)
Replacement battery	<a href="#">APCRBC140</a> 
Battery Charge Power (Watts)	579 W rated

## Ordering and shipping details

Category	11309-APC RESALE PRODUCTS
Discount Schedule	APC1
GTIN	731304732945
Returnability	No

## Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	24.6 in (62.4 cm)
Package 1 Width	37.8 in (96 cm)
Package 1 Length	24.5 in (62.2 cm)
Package weight(Lbs)	259.99 lb(US) (117.93 kg)

## Contractual warranty

Warranty (in months)	24 Battery 36 UPS
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



### Environmental footprint

Total lifecycle Carbon footprint	14 360 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	1 504 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	17 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	12 825 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	15 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Use Better



### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	<a href="#">Compliant By Exemption</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>
California proposition 65	<b>WARNING:</b> 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>



### Energy efficiency

Optimized Energy Efficiency	Energy efficient product
ENERGY STAR®	ENERGY STAR UPS V2.0 (USA)

## Use Longer



### Lifetime extension

Repair	No
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## Use Again



### Repack and remanufacture

Recyclability potential, in %	65
Circularity Profile	<a href="#">End of Life Information</a>
Removable battery	User replaceable

Take-back

Yes

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Technical Illustration

Dimensions

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Image of product / Alternate images

Alternative

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