

Product data sheet

Specifications



APC Smart-UPS On-Line, 6kVA/6kW, Tower, 208V, 8x 5-20R+4x L6-20R+3x L6-30R+1x L14-30R NEMA, NMC+SmartSlot, W/ transformer 208V to 120V, W/O rail kit

SRT6KXLT-5KTF

Overview

Lead time Usually in Stock

Main

Main Input Voltage	208 V AC 1 phase 240 V AC 1 phase
Other Input Voltages	240 V
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
Other Output Voltages	240 V
Rated power in W	6000 W
rated power in VA	6000 VA
output connection type	8 NEMA 5-20R 4 NEMA L6-20R 3 NEMA L6-30R 1 NEMA L14-30R
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	50/60 Hz +/- 3 Hz sync to mains
Replacement battery	APCRBC140

Graphs

Run Time [View Runtime Graph](#)

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

Efficiency[View Efficiency Graph](#) 

Complementary

Battery Size	Lead-acid internal included
Emergency Power Off (EPO)	Yes
Free slots	1
Pre-Installed SmartSlot Cards	Network management card 3 with environmental monitoring
Alarm	Audible and visible alarms : prioritized by severity
UPS connectivity	Serial port USB port Embedded network management card 3 Available expansion slot
Surge energy rating	480 J
color	Black
Height	17.008 in (432 mm)
Width	12.0 in (304 mm)
Depth	28.3 in (719 mm)
Product Weight	259.99 lb(US) (117.93 kg)
Mounting preference	No preference
Mounting Mode	Rack-mounted with kit
Two post mountable	0
USB compatible	Yes
Mounting position	Vertical
Mounting mode	Tower with included kit
Provided equipment	CD with software Documentation CD Installation guide Removable support feet Temperature Probe User Manual USB cable Warranty card Web/SNMP Management Card
Number of power module filled slots	0
Number of power module free slots	0
Additional specification	High density
Redundant	No
Range of Product	Smart-UPS On-Line
Product or Component Type	Uninterruptible power supply (UPS)

Environment

Product Certifications	ENERGY STAR V2.0 (USA) FCC part 15 class A UL 1778
Ambient Air Temperature for Operation	32...104 °F (0...40 °C)
Ambient Air Temperature for Storage	5...113 °F (-15...45 °C)
Storage altitude	0...50000 ft (0...15240 m)

IP degree of protection	IP20
Relative Humidity	0...95 % non-condensing
Storage Relative Humidity	0...95 % non-condensing
Acoustic level	55 dBA
Online Thermal Dissipation	1402 Btu/h
Operating altitude	0...10000 ft

Batteries & Runtime

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)
Battery Charge Power (Watts)	579 W rated

Ordering and shipping details

GTIN	731304732952
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Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	28.3 in (71.8 cm)
Package 1 Width	38.6 in (98 cm)
Package 1 Length	24.02 in (61 cm)
Package weight(Lbs)	281.99 lb(US) (127.91 kg)

Contractual warranty

Warranty (in months)	36 UPS 24 Battery
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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	14 523 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	1 664 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	18 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]	16 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
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



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	End of Life Information
Removable battery	User replaceable

Take-back

Yes

Image of product / Alternate images

Alternative

