

Product data sheet

Specifications



APC Smart-UPS On-Line,
6kVA/6kW, Tower, 208V, 2x L6-20R
+3x L6-30R NEMA outlets, Network
Card+SmartSlot, Extended runtime,
W/O rail kit

SRT6KXLT

Overview

Lead time Usually in Stock

Main

Main Input Voltage	208 V
Other Input Voltage	240 V
Main Output Voltage	208 V
Other Output Voltage	240 V
Kw Rating	6000 W
Rated power in VA	6000 VA
Output connection type	2 NEMA L6-20R 3 NEMA L6-30R
Output connector type	Hard Wire 3-wire (2PH + G) 1
Battery Type	Lead-Acid battery
Provided equipment	CD with software Documentation CD Installation guide Removable support feet Temperature Probe User Manual USB cable Warranty card Web/SNMP Management Card

General

Product web sub-family	High density
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

Physical

Color	Black
Height	17.01 in (43.2 cm)
Width	6.85 in (17.4 cm)

Depth	28.31 in (71.9 cm)
Net Weight	134.99 lb(US) (61.23 kg)
Mounting preference	No preference
Mounting Mode	Rack-mounted with kit
Two post mountable	0
USB compatible	Yes
Mounting position	Vertical

Input

Input Frequency	40 - 70 Hz auto-sensing
Number of input connectors	1 Hard Wire 3-wire (2PH + G)
Efficiency at full load	100...275 V adjustable (half load)

Output

Max Configurable Power (Watts)	6000 W
Harmonic distortion	Less than 2%
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz sync to mains
Crest factor	3 : 1
Topology	Double Conversion Online
Waveform Type	Sine wave
Bypass type	Internal Bypass (Automatic and Manual)
Maximum configurable power in VA	6000 VA

Conformance




Product Certifications	ENERGY STAR V2.0 (USA) FCC part 15 class A NOM UL 1778
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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	Non-condensing 0...95 %
Storage altitude	0...50000 ft (0.00...15240.00 m)
Acoustic level	55 dBA
Heat dissipation	1402 Btu/h
IP degree of protection	IP20

Batteries & Runtime

Included Battery Modules	0
Battery Slots Empty	0
Typical recharge time	1.5 h

RBC Quantity	1
Battery Voltage	192V
Battery Charge Power (Watts)	579 W rated
Battery power in VAH	875 VAh runtime
Battery life	3...5 year(s)
Replacement battery	APCRBC140  SRT192BP2US  SRT192RMBPUS 
Battery option	SRT192BP 1 2625 VAh SRT192BP 2 4375 VAh SRT192BP 3 6125 VAh SRT192BP 4 7875 VAh SRT192BP 5 9625 VAh SRT192BP 6 11375 VAh SRT192BP 8 14875 VAh SRT192BP 10 18375 VAh
Extendable Run Time	1

Communications & Management

Free slots	1
Control panel	Multi-function LCD status and control console
Alarm	Audible and visible alarms prioritized by severity
Emergency Power Off (EPO)	Yes

Surge Protection and Filtering

Surge energy rating	480 J
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Ordering and shipping details

GTIN	731304301677
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	14.57 in (37 cm)
Package 1 Width	37.80 in (96 cm)
Package 1 Length	24.02 in (61 cm)
Package 1 Weight	142.00 lb(US) (64.41 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
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 STAR®	ENERGY STAR UPS V2.0 (USA) 
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile

Circularity Profile	End of Life Information
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

Contractual warranty

Warranty	3 years repair or replace (excluding battery) and 2 years for battery
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Recommended replacement(s)