Product data sheet
Characteristics

SRT6KXLT-IEC
APC Smart-UPS SRT 6000VA 208V IEC



Overview

Lead time	Usually in Stock

General

Provided equipment	CD with software Documentation CD Installation guide Removable support feet Temperature Probe USB cable Warranty card Web/SNMP Management Card
Product web sub-family	High density
Number of tare power	78 W
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No
UPS size	S

Physical

Color	Black
Depth	28.31 in (71.9 cm)
Height	17.01 in (43.2 cm)
Mounting location	Front
Mounting preference	No preference
Net Weight	131.99 lb(US) (59.87 kg)
Mounting mode	Rack-mounted with kit
Two post mountable	0
USB compatible	Yes
Width	6.85 in (17.4 cm)

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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) 160...275 V
Other Input Voltages	240 V
Nominal Input Voltage	208 V

Output

Kw Rating	6000 W
Max Configurable Power (Watts)	6000 W
Harmonic distortion	Less than 2%
Output frequency	50/60 Hz +/- 3 Hz sync to mains
Other Output Voltages	240 V
Crest factor	3 : 1
Topology	Double Conversion Online
Waveform Type	Sine wave
Output connector type	Hard Wire 3-wire (2PH + G) 1
Nb of power socket outlets	6 IEC 60320 C13 2 IEC Jumpers 4 IEC 60320 C19
Bypass type	Internal Bypass (Automatic and Manual)
Curve equation	Efficiency
Curve fixed loss	0.0119
Curve load maximum	100 %
Curve load minimum	2 %
Curve proportional loss	0.0208
Curve square loss	0.0265
Curve X-axis maximum	100 %
Curve test cond ID	Curve fit of data measured in accordance with the ENERGY STAR Test Method for Uninterruptible Power Supplies. All measurements taken in normal mode(s), at typical environmental conditions, with 240V/60Hz electrical input and balanced resistive load (PF = 1.0) output.
Curve X-axis minimum	0 %
Curve X-axis title	Load
Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %
Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Graph display	1
Output voltage	208 V
Maximum configurable power in VA	6000 VA
Rated power in VA	6000 VA

Conformance

Product certifications	ENERGY STAR V2.0 (USA) FCC part 15 class A UL 1778
Standards	CSA C22.2 No.107.3-05

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 altitude	0…50000 ft (0.00…15240.00 m)
Acoustic level	55 dBA
Heat dissipation	1402 Btu/h
Show note OP temperature	No
IP degree of protection	IP20

Batteries & Runtime

Battery type	Lead-Acid battery
Included Battery Modules	0
Typical recharge time	1.5 h
RBC Quantity	1
Liquid Electrolyte Value	0
Battery voltage	192V
Battery curve	D
Battery Charge Power (Watts)	579 W rated
Battery power in VAH	875 VAh runtime
Battery life	3…5 year(s)
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
Audible Alarm	Audible and visible alarms prioritized by severity
Emergency Power Off (EPO)	Yes

Surge Protection and Filtering

Surge energy rating	480 J

Ordering and shipping details

GTIN	00731304301714
Package weight(Lbs)	147.40 lb(US) (66.86 kg)

Packing Units

Package 1 Height	14.57 in (37 cm)
Package 1 width	24.02 in (61 cm)
Package 1 Length	37.80 in (96 cm)
Number of Units in Package 3	6

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 V1.0 (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
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Optimized Energy Efficiency	Energy efficient product

Contractual warranty

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