

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

Other Input Voltage 240 V

Main Output Voltage 120 V
208 V

Other Output Voltage 240 V

Kw Rating 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) 1

Number of rack unit 6U

Battery type Lead-Acid battery

Provided equipment 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

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 
Battery option	SRT192RMBP 1 2625 VAh SRT192RMBP 2 4375 VAh SRT192RMBP 3 6125 VAh SRT192RMBP 4 7875 VAh SRT192RMBP 5 9625 VAh SRT192RMBP 6 11375 VAh SRT192RMBP 8 14875 VAh SRT192RMBP 10 18375 VAh
Extendable Run Time	1

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	10.35 in (26.3 cm)
Width	17.01 in (43.2 cm)
Depth	28.31 in (71.9 cm)
Net Weight	230.01 lb(US) (104.33 kg)
Mounting Location	Front
Mounting preference	Lower
Mounting Mode	Rack-mounted
Two post mountable	0
USB compatible	Yes
Mounting position	Horizontal

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 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	0...95 % non-condensing
Storage altitude	0...50000 ft (0.00...15240.00 m)
Acoustic level	55 dBA
Heat dissipation	1402 Btu/h
IP degree of protection	IP20

Communications & Management

Free slots	1
Pre-Installed SmartSlot™ Cards	Network management card 3 with environmental monitoring
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

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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	24.57 in (62.4 cm)
Package 1 Width	37.80 in (96 cm)
Package 1 Length	24.49 in (62.2 cm)
Package 1 Weight	259.99 lb(US) (117.93 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)