

Product data sheet

Characteristics

SRT6KRMXLT-5KTF

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



Overview

Lead time	Usually in Stock
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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
Nb of power socket outlets	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

General

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

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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
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 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

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)

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

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
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Ordering and shipping details

Package weight(Lbs)	259.99 lb(US) (117.93 kg)
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Packing Units

Package 1 Height	24.57 in (62.4 cm)
Package 1 width	24.49 in (62.2 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 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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