

Product data sheet

Specifications



APC Smart-UPS RT 6kVA, 208V,
Rack, 3U, 4x 5-20R, 1x L6-30R,
1x L14-30R NEMA outlets, with
208/240 (Split-Phase) to 120

SURTD6000RMXLP3U

Overview



Lead time Usually in Stock

Main

Main Input Voltage	208 V
Product or Component Type	Uninterruptible power supply (UPS)
Other Input Voltage	240 V
Main Output Voltage	120 V 208 V
Other Output Voltage	240 V
Kw Rating	4200 W
Rated power in VA	6000 VA
Input Connection Type	NEMA L14-30P
Output connection type	4 NEMA 5-20R 1 NEMA L6-30R 1 NEMA L14-30R
Number of rack unit	3U
Cable length	10 ft (3.05 m)
Number of cables	1
Battery type	Lead-Acid battery
Provided equipment	CD with software Rack Mounting support rails Removable support feet Smart UPS signalling RS-232 cable User Manual

Batteries & Runtime

Included Battery Modules	2
Typical recharge time	2.5 h
RBC Quantity	1
Additional information	Configurable for 208 or 240 nominal output voltage
Battery Charge Power (Watts)	382 W rated
Battery power in VAh	960 VAh runtime
Battery Life	3...5 year(s)

Replacement battery	APCRBC140  SRT192BP2US  SRT192RMBPUS 
Battery option	SURT192RMXLBP3U 1 2880 VAh SURT192RMXLBP3U 2 4800 VAh SURT192RMXLBP3U 3 6720 VAh SURT192RMXLBP3U 4 8640 VAh SURT192RMXLBP3U 5 10560 VAh SURT192RMXLBP3U 6 12480 VAh SURT192RMXLBP3U 8 16320 VAh SURT192RMXLBP3U 10 20160 VAh
Extendable Run Time	1
General	
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No
Physical	
Color	Black
Height	5.12 in (13 cm)
Width	17.01 in (43.2 cm)
Depth	25.98 in (66 cm)
Net Weight	128.00 lb(US) (58.06 kg)
Mounting Location	Front
Mounting preference	Lower
Mounting Mode	Rack-mounted
Two post mountable	0
USB compatible	No
Input	
Input Frequency	50/60 Hz +/- 5 Hz auto-sensing
Efficiency at full load	85...136 V adjustable 156...236 V
Output	
Max Configurable Power (Watts)	4200 W
Harmonic distortion	Less than 2%
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 sync to mains
Crest factor	3 : 1
Topology	Double Conversion Online
Waveform Type	Sine wave
Bypass type	Internal Bypass (Automatic and Manual) 90 % full load)
Maximum configurable power in VA	6000 VA

Conformance

Product Certifications	CSA
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Environmental

Ambient air temperature for operation	32...104 °F (0...40 °C)
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Relative Humidity	0...95 % non-condensing
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Operating altitude	0...10000 ft
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Ambient Air Temperature for Storage	5...113 °F (-15...45 °C)
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Storage Relative Humidity	0...95 % non-condensing
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Storage altitude	0...50000 ft (0.00...15240.00 m)
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Acoustic level	55 dBA
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Heat dissipation	1780 Btu/h
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IP degree of protection	IP20
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Communications & Management

Free slots	0
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Pre-Installed SmartSlot™ Cards	Network management card 2 with environmental monitoring
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Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
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Emergency Power Off (EPO)	Yes
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Surge Protection and Filtering

Surge energy rating	480 J
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Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m
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Ordering and shipping details

Category	11309 - APC RESALE PRODUCTS
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GTIN	731304258827
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Returnability	No
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Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	13.66 in (34.7 cm)
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Package 1 Width	38.58 in (98 cm)
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Package 1 Length	23.74 in (60.3 cm)
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Package 1 Weight	159.00 lb(US) (72.12 kg)
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Offer Sustainability

Sustainable offer status	Green Premium product
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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
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REACH Regulation	REACH Declaration
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EU RoHS Directive	Compliant EU RoHS Declaration
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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	2 years repair or replace
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Recommended replacement(s)