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APC Smart-UPS RT 6000VA 208V Harsh Environment

Part Number: SURT6000XLT-CC



[Technical Specifications](#) [Product Overview](#) [Software & Firmware](#) [Ratings and Reviews](#)

Output

Output Power Capacity	4200 Watts / 6000 VA
Max Configurable Power	4200 Watts / 6000 VA
Nominal Output Voltage	208V
Output Voltage Note	Configurable for 208 or 240 nominal output voltage
Efficiency at Full Load	92.0%
Output Voltage Distortion	Less than 3%
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz user adjustable +/- 0.1
Other Output Voltages	240
Crest Factor	3 : 1
Topology	Double Conversion Online
Waveform Type	Sine wave
Output Connections	(2) NEMA L6-20R (2) NEMA L6-30R
Bypass	Internal Bypass (Automatic and Manual)



Input

Nominal Input Voltage	208V
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Input Frequency 50/60 Hz +/- 5 Hz (auto sensing)

Input Connections NEMA L6-30P



Cord Length 3.05 meters

Input voltage range for main operations 160 - 280V

Input voltage adjustable range for mains operation 100 - 280V

Other Input Voltages 240

Batteries & Runtime

Battery Type Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof

Included Battery Modules 2

Typical recharge time 2.50 hour(s)

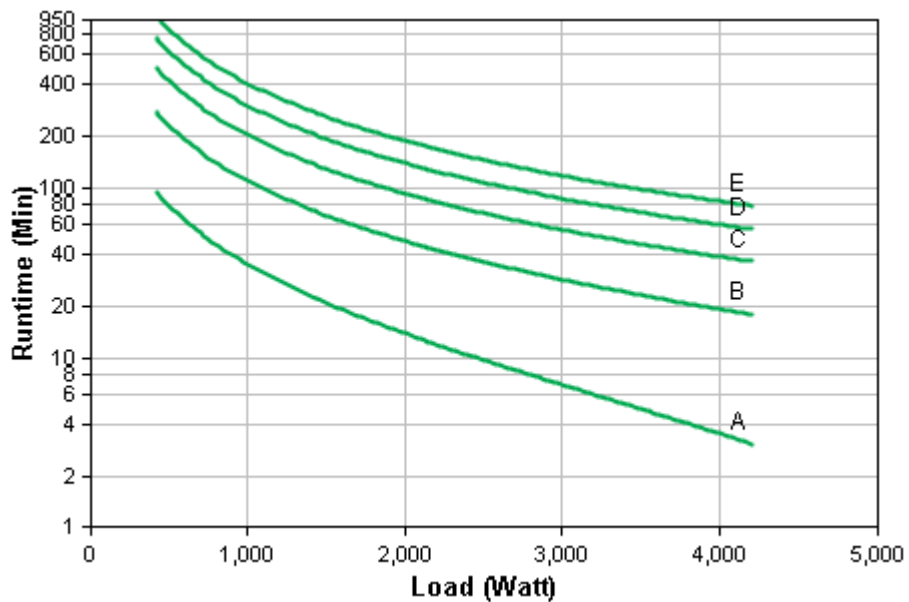
Replacement Battery [RBC44](#)

RBC™ Quantity 1

Extended Run Options [APC Smart-UPS RT 6000VA 208V Harsh Environment](#)

Runtime Graph

Curve	Part Number(s)
A	SURT6000XLT-CC
B	SURT6000XLT-CC + (1)SURT192XLBP
C	SURT6000XLT-CC + (2)SURT192XLBP
D	SURT6000XLT-CC + (3)SURT192XLBP
E	SURT6000XLT-CC + (4)SURT192XLBP



Hover over the line on the graph above to view the runtime at any desired load

Curve fit to measured runtime data. All measurements taken with new, fully charged batteries, at typical environmental conditions, with no electrical input and balanced resistive load (PF = 1.0) output.

[View Enlarged Graph](#)

[View Runtime Chart](#)

Communications & Management

Interface Port(s)	DB-9 RS-232,RJ-45 10/100 Base-T,SmartSlot
Pre-Installed SmartSlot™ Cards	AP9631
Control panel	LED status display with load and battery bar-graphs and On Line : On Battery : Replace Battery : Overload and Bypass Indicators
Audible Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

Surge Protection and Filtering

Surge energy rating	480 Joules
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

Physical

Maximum Height	432.00 mm
Maximum Width	130.00 mm
Maximum Depth	660.00 mm
Rack Height	3U
Net Weight	54.55 KG
Shipping Weight	63.64 KG
Shipping Height	347.00 mm
Shipping Width	603.00 mm
Shipping Depth	980.00 mm
Color	Black

Units per Pallet	6.00
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Environmental

Operating Environment	0 - 40 °C
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Operating Relative Humidity	0 - 95%
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Operating Elevation	0-3000 meters
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Storage Temperature	-15 - 45 °C
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Storage Relative Humidity	0 - 95%
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Storage Elevation	0-15000 meters
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Audible noise at 1 meter from surface of unit	55.00 dBA
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Online Thermal Dissipation	1324.00 BTU/hr
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Conformance

Regulatory Approvals	CSA,FCC Part 15 Class A,UL 1778
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Standard Warranty	2 years repair or replace
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**The time to recharge to 90% of full battery capacity following a discharge to shutdown using a load rated for 1/2 the full load rating of the UPS.