



APC Smart-UPS RT 6000VA 208V w/ 208V to 120V Step-Down Transformer

Part Number: SURT6000XLT-1TF3



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

Output	
Output Power Capacity	4200 Watts / 6000 VA
Max Configurable Power	4200 Watts / 6000 VA
Nominal Output Voltage	120V,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	(8) NEMA 5-20R (1) NEMA L14-30R (4) NEMA L6-20R



(2) NEMA L6-30R



Bypass Internal Bypass (Automatic and Manual)

Input

Nominal Input Voltage	208V
Input Frequency	50/60 Hz +/- 5 Hz (auto sensing)
Input Connections	NEMA L6-30P



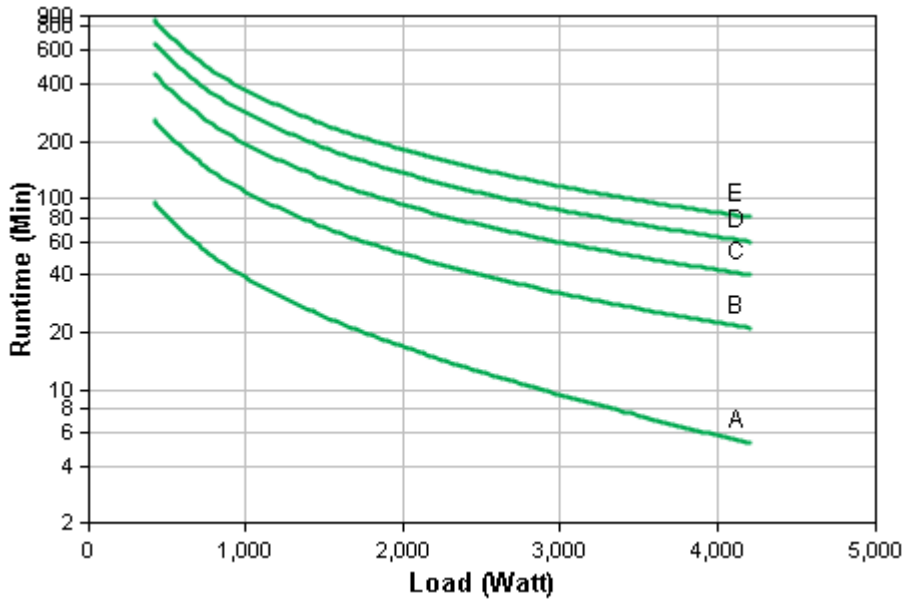
Cord Length	10 feet (3.05 meters)
Input voltage range for main operations	160 - 280V
Input voltage adjustable range for mains operation	100 - 280V

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 w/ 208V to 120V Step-Down Transformer

Runtime Graph

Curve	Part Number(s)
A	SURT6000XLT-1TF3
B	SURT6000XLT-1TF3 + (1)SURT192XLBP
C	SURT6000XLT-1TF3 + (2)SURT192XLBP
D	SURT6000XLT-1TF3 + (3)SURT192XLBP
E	SURT6000XLT-1TF3 + (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,Smart-Slot
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
Emergency Power Off (EPO)	Yes

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	17.00 inches (432 mm)
Maximum Width	10.20 inches (259 mm)
Maximum Depth	26.00 inches (660 mm)
Rack Height	6U
Net Weight	245.00 lbs. (111.36 kg)
Shipping Weight	280.00 lbs. (127.27 kg)
Shipping Height	25.90 inches (658 mm)
Shipping Width	23.73 inches (603 mm)
Shipping Depth	38.60 inches (980 mm)

Color	Black
Environmental	
Operating Environment	32 - 104 °F (0 - 40 °C)
Operating Relative Humidity	0 - 95%
Operating Elevation	0-10000 feet (0-3000 meters)
Storage Temperature	5 - 113 °F (-15 - 45 °C)
Storage Relative Humidity	0 - 95%
Storage Elevation	0-50000 feet (0-15000 meters)
Audible noise at 1 meter from surface of unit	55.00 dBA
Online Thermal Dissipation	1324.00 BTU/hr
Conformance	
Regulatory Approvals	CSA,FCC Part 15 Class A,UL 1778
Standard Warranty	2 years repair or replace
Environmental Compliance	RoHS 7b Exemption,REACH: Contains No SVHCs,Contains Lithium Battery

**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.