




APC SMART-UPS RT 2200VA 120V

Part Number: SURTA2200XL




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

Output

Output Power Capacity	1600 Watts / 2200 VA	
Max Configurable Power	1600 Watts / 2200 VA	
Nominal Output Voltage	120V	
Output Voltage Distortion	Less than 3%	
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz user adjustable +/- 0.1	
Crest Factor	3 : 1	
Topology	Double Conversion Online	
Waveform Type	Sine wave	
Output Connections	(6) NEMA 5-15R	
Bypass	Built-in Bypass	

Input

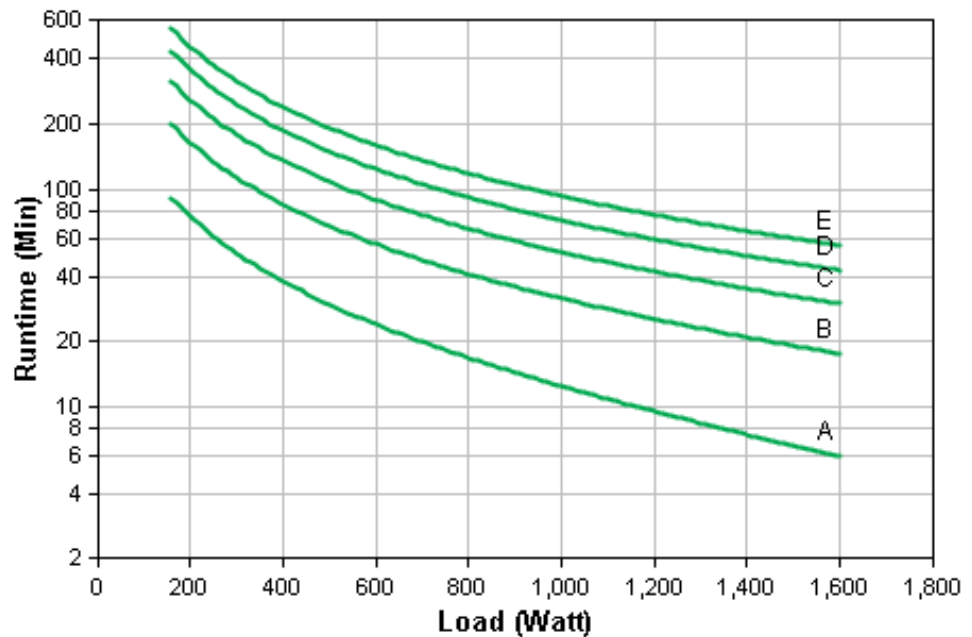
Nominal Input Voltage	120V	
Input Frequency	50/60 Hz +/- 5 Hz (auto sensing)	
Input Connections	NEMA 5-20P	
Cord Length	6 feet (1.83 meters)	
Input voltage range for main operations	90 - 150V	

Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Included Battery Modules	1
Typical recharge time	3 hour(s)
Replacement Battery (Service center technician only)	CURK57-01-04 , RBC57
RBC Quantity	1
Extended Run Options	APC SMART-UPS RT 2200VA 120V

Runtime Graph

Curve	Part Number(s)
A	SURTA2200XL
B	SURTA2200XL + (1)SURTA48XLBP
C	SURTA2200XL + (2)SURTA48XLBP
D	SURTA2200XL + (3)SURTA48XLBP
E	SURTA2200XL + (4)SURTA48XLBP



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](#)

Interface Port(s)	DB-9 RS-232, Smart-Slot, USB
Available SmartSlot™ Interface Quantity	1
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	540 Joules
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

Physical

Maximum Height	3.35 inches (85 mm)
Maximum Width	17.00 inches (432 mm)
Maximum Depth	22.00 inches (559 mm)
Rack Height	2U
Net Weight	60.50 lbs. (27.50 kg)
Shipping Weight	69.00 lbs. (31.36 kg)
Shipping Height	10.26 inches (260 mm)
Shipping Width	24.00 inches (610 mm)
Shipping Depth	29.00 inches (737 mm)
Color	Black
Units per Pallet	8.00

Environmental

Operating Environment	32 - 104 °F (0 - 40 °C)
Operating Relative Humidity	0 - 95% no%
Operating Elevation	0-10000 feet (0-3000 meters)
Storage Temperature	-4 - 122 °F (-20 - 50 °C)
Storage Relative Humidity	0 - 95% no%
Storage Elevation	0-50000 feet (0-15000 meters)
Audible noise at 1 meter from surface of unit	45.00 dBA
Online Thermal Dissipation	587.00 BTU/hr
Protection Class	IP 20

Conformance

Approvals	BSMI, CSA, FCC Part 15 Class B, UL 1778
Standard warranty	2 years repair or replace

Sustainable Offer Status

RoHS	Compliant
------	-----------

REACH	REACH: Contains No SVHCs
PEP	Available in Documentation tab
EOLI	Available in Documentation tab

*Except where noted, all prices are Estimated Resale Price (ERP) - Without Tax/VAT. Pricing in other locations and sites may vary.

**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.