



**APC Smart-UPS SC 620VA 230V**  
**Part Number: SC620I**



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

### Output

Output Power Capacity	390 Watts / 620 VA	
Max Configurable Power	390 Watts / 620 VA	
Nominal Output Voltage	230V	
Output Voltage Distortion	Less than 5% at full load	
Output Frequency (sync to mains)	47 - 53 Hz for 50 Hz nominal, 57 - 63 Hz for 60 Hz nominal	
Topology	Line Interactive	
Waveform Type	Stepped approximation to a sinewave	
Output Connections	(1) IEC 320 C13	  
	(3) IEC 320 C13	
	(2) IEC Jumpers	

### Input

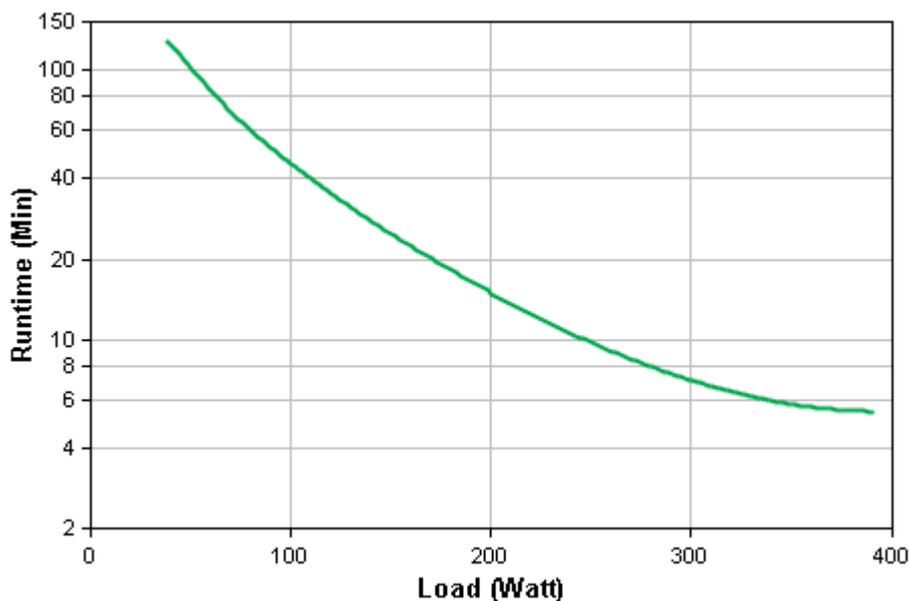
Nominal Input Voltage	230V
Input Frequency	50/60 Hz +/- 3 Hz (auto sensing)
Input Connections	IEC-320-C14 inlet
Input voltage range for main operations	195 - 265V

### Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
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Typical recharge time	5.50 hour(s)
Replacement Battery	<a href="#">RBC4</a>
RBC™ Quantity	1

#### Runtime Graph



*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
Control panel	LED status display with On Line : On Battery : Replace Battery and Overload indicators
Audible Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Emergency Power Off (EPO)	N/A

#### Surge Protection and Filtering

Surge energy rating	320 Joules
Filtering	Full time multi-pole noise filtering : 0.7% IEEE surge let-through : zero clamping response time : meets UL 1449
Data Line Protection	RJ-45 Modem/Fax/DSL/10-100 Base-T protection

#### Physical

Maximum Height	168.00 mm
Maximum Width	119.00 mm
Maximum Depth	375.00 mm
Net Weight	12.27 KG
Shipping Weight	13.18 KG
Shipping Height	318.00 mm
Shipping Width	262.00 mm
Shipping Depth	508.00 mm
Color	Grey

Units per Pallet	12.00
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### Environmental

Operating Environment	0 - 40 °C
Operating Relative Humidity	0 - 95%
Operating Elevation	0-3000 meters
Storage Temperature	-15 - 45 °C
Storage Relative Humidity	0 - 95%
Storage Elevation	0-15000 meters

Audible noise at 1 meter from surface of unit 45.00 dBA

Online Thermal Dissipation	70.00 BTU/hr
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### Conformance

Regulatory Approvals	CE, GOST, VCCI, VDE
Standard Warranty	2 years repair or replace

### Sustainable Offer Status

RoHS	Compliant
REACH	REACH: Contains No SVHCs
Other Environmental Compliance	China RoHS

\*\*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.