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## NEW! APC Smart-UPS SC 620VA 120V

APC Smart-UPS SC, 620VA/390W, Input 120V/Output 120V, Interface Port DB-9 RS-232

Includes: CD with software, Smart UPS signalling RS-232 cable, User Manual

Part Number : **SC620**

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## Technical Specifications

### Output

Output Power Capacity	390 Watts / 620 VA	
Max Configurable Power	390 Watts / 620 VA	
Nominal Output Voltage	120V	
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	
Crest Factor	up to 5 : 1	
Waveform Type	Stepped approximation to a sine wave	
Output Connections	(4) NEMA 5-15R	

### Input

Nominal Input Voltage	120V	
Input Frequency	50/60 Hz +/- 3 Hz (auto sensing)	
Input Connections	NEMA 5-15P	
Cord Length	6 feet ( 1.83 meters)	
Input voltage range for main operations	82 - 144V	
Input voltage adjustable range for mains operation	75 - 154V	

### Options:

- [Automatic Transfer Switches](#)
- [Interface Connections](#)
- [Rack Power Distribution](#)
- [Replacement Battery Cartridges](#)
- [Services](#)
- [Software](#)
- [Step Down Transformers](#)

### General Features:

- Adjustable voltage-transfer points
- Audible alarms
- Automatic restart of loads after UPS shutdown
- Automatic self-test
- Boost and Trim Automatic Voltage Regulation (AVR)
- Cold-start capable
- Dataline Surge Protection
- Hot-swappable batteries
- InfraStruXure Manager compatible
- Intelligent battery management
- LED status indicators
- Manage multiple UPSs
- Network manageable
- Power conditioning
- Predictive failure notification
- Resettable circuit breakers
- Safety-agency approved
- Serial Connectivity
- User-replaceable batteries

## Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Typical recharge time	5 hour(s)
Replacement battery cartridge	<a href="#">CURK4</a> , <a href="#">RBC4</a>
RBC™ Quantity	1
Typical Backup Time at Half Load	15.7 minutes (195 Watts)
Typical Backup Time at Full Load	5.5 minutes (390 Watts)
Runtime Chart	<a href="#">Smart-UPS SC</a>

[more details...](#)  
**Topology:** Line Interactive

## 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)	Optional

## Surge Protection and Filtering

Surge energy rating	412 Joules
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449
Dataline protection	RJ-45 Modem/Fax/DSL/10-100 Base-T protection

## Physical

Maximum Height	6.60 inches (168 mm)
Maximum Width	4.70 inches (119 mm)
Maximum depth	14.50 inches (368 mm)
Net Weight	27.00 lbs. ( 12.27 kg)
Shipping Weight	29.00 lbs. ( 13.18 kg)
Shipping Height	12.50 inches (318 mm)
Shipping Width	10.30 inches (262 mm)
Shipping Depth	20.00 inches (508 mm)
Color	Grey
Units per Pallet	40.00

## Environmental

Operating Environment	0 - 40 °C (32 - 104 °F)
Operating Relative Humidity	0 - 95%
Operating Elevation	0-10000 feet (0-3000 meters)
Storage Temperature	-15 - 45 °C (5 - 113 °F)
Storage Relative Humidity	0 - 95%
Storage Elevation	0-50000 feet (0-15000 meters)
Audible noise at 1 meter from surface of unit	45 dBA
Online Thermal Dissipation	70 BTU/hr

## Conformance

Regulatory Approvals	CSA,FCC Part 15 Class A,UL 1778
Standard Warranty	2 years repair or replace

\*\*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.

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