[Smart-UPS SC](#)

APC Smart-UPS SC 620VA 230V

RoHS

APC Smart-UPS SC, 390 Watts / 620 VA,Input 230V / Output 230V, Interface Port DB-9 RS-232

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

Standard Lead Time: Usually in Stock

SC620I Features

Battery-protected and surge-only outlets	Reserves power capacity and run time for connected equipment that require battery back-up while providing surge only protection for less critical equipment

Smart-UPS SC Features & Benefits

Manageability	
Network manageable	Provides remote management of the UPS over the network.
Audible Alarms	Actively let you know if the unit is on battery, if the battery is low or if there is an overload condition.
Automatic self-test	Periodic battery self-test ensures early detection of a battery that needs to be replaced.
Battery failure notification	Provides early-warning fault analysis on batteries enabling timely preventive maintenance
Serial Connectivity	Provides management of the UPS via a serial port.
LED status indicators	Quickly understand unit and power status with visual indicators.
InfraStruXure Manager Compatible	Enables centralized management via the APC InfraStruXure® Manager.
Economy	
Boost and Trim Automatic Voltage Regulation (AVR)	Gives higher application availability by correcting low and high voltage conditions without using the battery.
Adjustable voltage-transfer points	Maximizes useful battery life by widening the input voltage window or tightening the output voltage regulation.
Safety-agency approved	Ensures the product has been tested and approved to work safely with the connected service provider equipment and within the specified environment. UL, FCC, CE, C-Tick approvals.
Availability	
Dataline Surge Protection	Provides protection of connected equipment from power surges on the data lines.
Power conditioning	Protects connected loads from surges, spikes, lightning, and other power disturbances.
Intelligent Battery Management	Maximizes battery performance, life, and reliability through intelligent, precision charging.
Automatic restart of loads after UPS shutdown	Automatically starts up the connected equipment upon the return of utility power.
Cold-start capable	Provides temporary battery power when the utility power is out.
Hot-swappable batteries	Ensures clean, uninterrupted power to protected equipment while batteries are being replaced
Resettable circuit breakers	Enables a quick recovery from overload events.

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
Crest Factor	up to 5 : 1
Waveform Type	Stepped approximation to a sinewave
Output Connections	(1) IEC 320 C13
	(3) IEC 320 C13
	(1) 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	160 - 286V
Input voltage adjustable range for mains operation	151 - 302V

Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Typical recharge time	5.50 hour(s)
Replacement Battery	RBC4
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	Smart-UPS SC

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	368.00 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	40.00

Environmental

Operating Environment	0 - 40 °C
Operating Relative Humidity	0%
Operating Elevation	0-3000 meters
Storage Temperature	-15 - 45 °C
Storage Relative Humidity	0%
Storage Elevation	0-15000 meters
Audible noise at 1 meter from surface of unit	45.00 dBA
Online Thermal Dissipation	70.00 BTU/hr

Conformance

Regulatory Approvals	CE,GOST,VCCI,VDE
Standard Warranty	2 years repair or replace
ROHS/WEEE Compliance	RoHS 7b Exemption

**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.