




APC Smart-UPS SC 420VA 230V

SC420I

- APC Smart-UPS SC is ideal for small and medium businesses looking to protect networking equipment and point-of-sale (POS) devices from power disturbances and outages. The Smart-UPS SC features network grade protection, hot swap batteries, and built-in data line protection for worry free uninterruptible power protection for increased availability. Built on the same standards as the award-winning Smart-UPS, Smart-UPS SC provides the basic features and manageability needed to protect entry-level applications
- Includes: CD with software, Smart UPS signalling RS-232 cable, User Manual

Output	
Output power capacity	260Watts / 420VA
Max Configurable Power (Watts)	260Watts / 420VA
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	(2) IEC Jumpers (Battery Backup) (3) IEC 320 C13 (Battery Backup) (1) IEC 320 C13 (Surge Protection)
Transfer Time	6ms typical : 10ms maximum

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

Batteries & Runtime	
Battery type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Typical recharge time	3hour(s)
Replacement Battery	RBC2 
Expected Battery Life (years)	3 - 5

Disclaimer: Documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user's applications.

Technical Specifications

APC Smart-UPS SC 420VA 230V | SC420I

Batteries & Runtime	
RBC Quantity	1
Battery Charge Power (Watts)	28Watts
Battery Volt-Amp-Hour Capacity	84
Runtime	View Runtime Graph (Available in Technical Tab on site) View Runtime Chart (Available in Technical Tab on site)

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

Physical	
Maximum Height	168MM, 16.8CM
Maximum Width	119MM, 11.9CM
Maximum Depth	368MM, 36.8CM
Net Weight	9.09KG
Shipping weight	10.23KG
Shipping Height	318MM, 31.8CM
Shipping Width	262MM, 26.2CM
Shipping Depth	508MM, 50.8CM
Color	Grey
Units per Pallet	12.0

Environmental	
Operating Temperature	0 - 40 °C

Disclaimer: Documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user's applications.

Technical Specifications

APC Smart-UPS SC 420VA 230V | SC420I

Environmental	
Operating Relative Humidity	0 - 95 %
Operating Elevation	0-3000meters
Storage Temperature	-15 - 45 °C
Storage Relative Humidity	0 - 95 %
Storage Elevation	0-15000meters
Audible noise at 1 meter from surface of unit	45.0dBA
Online thermal dissipation	50.0BTU/hr

Conformance	
Approvals	CE, EAC, GOST, NOM, VDE, VCCI
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
Other Environmental Compliance	China RoHS