

# Product datasheet

Specifications



## APC Smart-UPS SC 420VA 230V

SC420I

### Overview

<b>Presentation</b>	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
---------------------	--

<b>Lead time</b>	Usually in Stock
------------------	------------------

### Main

<b>Main Input Voltage</b>	230 V
<b>Main Output Voltage</b>	230 V
<b>Rated power in W</b>	260 W
<b>Rated power in VA</b>	420 VA
<b>Input Connection Type</b>	IEC 320 C14
<b>Output connection type</b>	3 IEC 320 C13 1 IEC 320 C13 surge 2 IEC Jumpers
<b>Number of rack unit</b>	0U
<b>Battery type</b>	Lead-acid battery
<b>Provided equipment</b>	User manual Smart UPS signalling RS-232 cable CD with software

### Batteries & Runtime

<b>Battery voltage</b>	12 V
<b>Extended runtime</b>	0
<b>Battery capacity</b>	7.0 Ah
<b>Number of battery filled slots</b>	0
<b>Number of battery free slots</b>	0
<b>Battery recharge time</b>	3 h
<b>Number of battery replacement quantity</b>	1
<b>Battery life</b>	3...5 year(s)
<b>Replacement battery</b>	<a href="#">RBC2</a>
<b>Battery power in VAh</b>	84 VAh runtime

Battery charger power	28 W rated
-----------------------	------------

## General

Number of power module filled slots	0
-------------------------------------	---

Number of power module free slots	0
-----------------------------------	---

Product web sub-family	Entry level
------------------------	-------------

Redundant	No
-----------	----

## Physical

Colour	Grey
--------	------

Height	16.8 cm
--------	---------

Width	11.9 cm
-------	---------

Depth	36.8 cm
-------	---------

Net weight	9.09 kg
------------	---------

Mounting location	Front
-------------------	-------

Mounting preference	No preference
---------------------	---------------

Mounting mode	Not rack-mountable
---------------	--------------------

Two post mountable	0
--------------------	---

USB compatible	No
----------------	----

## Input

Input voltage limits	195...265 V
----------------------	-------------

Network frequency	50/60 Hz +/- 3 Hz auto-sensing
-------------------	--------------------------------

## Output

Harmonic distortion	Less than 5 % at full load
---------------------	----------------------------

Maximum configurable power in VA	420 VA
----------------------------------	--------

Maximum configurable power in W	260 W
---------------------------------	-------

Transfer time	6 ms typical : 10 ms maximum
---------------	------------------------------

UPS type	Line interactive
----------	------------------

Wave type	Stepped approximation to a sinewave
-----------	-------------------------------------

Output frequency	47...53 Hz for 50 Hz nominal sync to mains 57...63 Hz for 60 Hz nominal sync to mains
------------------	--

## Conformance

Product certifications	CE EAC GOST NOM VDE VCCI
------------------------	---

Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
-----------	--

## Environmental

Acoustic level	45 dBA
----------------	--------

Heat dissipation	50 Btu/h
Operating altitude	0...10000 ft
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-15...45 °C
Storage altitude	0.00...15240.00 m
Relative humidity	0...95 %
Storage Relative Humidity	0...95 %

## Communications & Management

Free slots	0
Control panel	LED status display with on line : on battery : replace battery and overload indicators
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

## Surge Protection and Filtering

Data line protection	RJ45 modem/fax/DSL/10-100 base-T protection
Surge energy rate	320 J
Noise suppression	Full time multi-pole noise filtering : 0.7% IEEE surge let-through : zero clamping response time : meets UL 1449

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	31.8 cm
Package 1 Width	26.2 cm
Package 1 Length	50.8 cm
Package 1 Weight	10.23 kg
Unit Type of Package 2	PAL
Number of Units in Package 2	32
Package 2 Height	141 cm
Package 2 Width	100 cm
Package 2 Length	120 cm
Package 2 Weight	339.3 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

---

<b>Optimized Energy Efficiency</b>	Energy efficient product
<b>Take-back</b>	Take-back program available

---

## **Contractual warranty**

---

<b>Warranty</b>	2 years repair or replace
-----------------	---------------------------

## **Recommended replacement(s)**