

# Product data sheet

Specifications



## APC Smart-UPS SC 420VA 120V (Not for sale in CO, VT or WA)

SC420

### Overview

**Presentation** 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

**Lead time** Usually in Stock

### Main

**Main Input Voltage** 120 V

**Main Output Voltage** 120 V

**Rated power in W** 260 W

**Rated power in VA** 420 VA

**Plug standard** NEMA 5-15P

**Nb of power socket outlets** 4 NEMA 5-15R

**Cable length** 1.83 m

**Number of cables** 1

**Battery type** Lead-acid battery

**Provided equipment** User manual  
Smart UPS signalling RS-232 cable  
CD with software

### 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	10 kg
Mounting location	Front
Mounting preference	No preference
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No

## Input

Input voltage limits	75...154 V adjustable 82...144 V
Network frequency	50/60 Hz +/- 3 Hz auto-sensing

## Output

Maximum configurable power in VA	420 VA
Maximum configurable power in W	260 W
Transfer time	4 ms typical : 8 ms maximum
UPS type	Line interactive
Wave type	Stepped approximation to a sine wave
Output frequency	50/60 Hz +/- 3 Hz sync to mains

## Conformance

Product certifications	CSA
Equipment protection policy	Lifetime : \$150000
Standards	FCC part 15 class A UL 1778

## 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 %

## Batteries & Runtime

Battery voltage	12 V
Extended runtime	0
Battery capacity	7.0 Ah
Number of battery filled slots	0
Number of battery free slots	0

Battery recharge time	5 h
Number of battery replacement quantity	1
Battery life	3...5 year(s)
Battery power in VAH	84 VAh runtime
Battery charger power	17 W rated

## Communications & Management

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

## Surge Protection and Filtering

Data line protection	RJ45 modem/fax/DSL/10-100 base-T protection
Surge energy rate	412 J
Noise suppression	Full time multi-pole noise filtering : 0.7% IEEE surge let-through : zero clamping response time : meets UL 1449

## Packing Units

Package 1 Weight	10.91 kg
Package 1 Height	31.8 cm
Package 1 width	26.2 cm
Package 1 Length	50.8 cm
Number of Units in Package 3	12

## 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>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

## Contractual warranty

Warranty	2 years repair or replace
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