**APC**
by **Schneider** Electric

**Green Premium™**

# APC Smart-UPS SC 420VA 230V

SC420I

## 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** | 230 V |
| **Main Output Voltage** | 230 V |
| **Rated power in W** | 260 W |
| **Rated power in VA** | 420 VA |
| **Input Connection Type** | IEC 320 C14 |
| **Nb of power socket outlets** | 3 IEC 320 C13<br>1 IEC 320 C13 surge<br>2 IEC Jumpers |
| **Number of rack unit** | 0U |
| **Battery type** | Lead-acid battery |
| **Provided equipment** | User manual<br>Smart UPS signalling RS-232 cable<br>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** | 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<br>57...63 Hz for 60 Hz nominal sync to mains |

## Conformance

| | |
|---|---|
| **Product certifications** | CE<br>EAC<br>GOST<br>NOM<br>VDE<br>VCCI |

## 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 |

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| Battery recharge time | 3 h |
| --- | --- |
| Number of battery replacement quantity | 1 |
| Battery life | 3…5 year(s) |
| Battery power in VAH | 84 VAh runtime |
| Battery charger power | 28 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 |
| Free slots | 0 |

## 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

| Package 1 Weight | 10.23 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 | REACh Declaration |
| EU RoHS Directive | Compliant<br>EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Optimized Energy Efficiency | Energy efficient product |
| Take-back | Take-back program available |

## Contractual warranty

| Warranty | 2 years repair or replace |
| --- | --- |

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