

# Product data sheet

Specifications



## APC Smart-UPS SC 450VA 230V - 1U Rackmount/Tower



SC450RMI1U

### 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	280 W
Rated Power In Va	450 VA
Input Connection Type	IEC 320 C14
Nb Of Power Socket Outlets	4 IEC 320 C13 2 IEC Jumpers
Number Of Rack Unit	1U
Battery Type	Lead-acid battery
Provided Equipment	User manual Rack mounting brackets Smart UPS signalling RS-232 cable CD with software

### Batteries & Runtime

Run Time	<a href="#">View Runtime Graph</a>
Battery Voltage	12 V
Extended Runtime	0
Battery Capacity	9.0 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)
Replacement Battery	<a href="#">RBC18</a>
Battery Power In Vah	108 VAh runtime

Disclaimer: This 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 applications

Battery Charger Power	22 W rated
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## 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	4.4 cm
Width	43.2 cm
Depth	38.3 cm
Net Weight	10.18 kg
Mounting Location	Front
Mounting Preference	Lower
Mounting Mode	Rack-mounted
Two Post Mountable	0
Usb Compatible	No

## Input

Input Voltage Limits	151...302 V adjustable 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	450 VA
Maximum Configurable Power In W	280 W
Transfer Time	4 ms typical : 8 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	C-Tick CE EAC GOST TISI VDE
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## Environmental

Acoustic Level	38 dBA
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Heat Dissipation	38 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

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	RJ11 2-Way Modem/Fax/DSL splitter with protection (four wire dual lines) RJ45 10/100 Base-T Ethernet 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 Height	16.4 cm
Package 1 Width	47.6 cm
Package 1 Length	58.9 cm
Package 1 Weight	11.73 kg
Number Of Units In Package 3	24

## Contractual warranty

Warranty	2 years repair or replace
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## Sustainability

**Green Premium™** label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. **Green Premium** promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low- products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)



Energy Efficient   Take-back   Transparency   RoHS/REACH

## Resource performance

✓ Energy Efficient Product

✓ Take-Back Program Available

## Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   [Yes](#)

## Certifications & Standards

Eu Rohs Directive   Compliant  
[EU RoHS Declaration](#)

Environmental Disclosure   [Product Environmental Profile](#)

Weee   The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile   [End of Life Information](#)