

# Product data sheet

Specifications



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

SC450RM11U

### 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

<b>Main Input Voltage</b>	230 V
<b>Main Output Voltage</b>	230 V
<b>Rated power in W</b>	280 W
<b>Rated power in VA</b>	450 VA
<b>Product or component type</b>	Uninterruptible power supply (UPS)
<b>Input Connection Type</b>	IEC 320 C14
<b>output connection type</b>	4 IEC 320 C13 2 IEC Jumpers
<b>Number of rack unit</b>	1U
<b>Battery type</b>	Lead-acid battery
<b>Provided equipment</b>	User manual Rack mounting brackets Smart UPS signalling RS-232 cable CD with software

### Batteries & Runtime

<b>Run Time</b>	<a href="#">View Runtime Graph</a>
<b>Battery voltage</b>	12 V
<b>Extended runtime</b>	0
<b>Battery capacity</b>	9.0 Ah
<b>Number of battery filled slots</b>	0
<b>Number of battery free slots</b>	0
<b>Battery recharge time</b>	5 h
<b>Number of battery replacement quantity</b>	1
<b>Battery life</b>	3...5 year(s)
<b>Replacement battery</b>	<a href="#">RBC18</a>

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Battery charger power	22 W rated
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## General

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Number of power module filled slots	0
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Number of power module free slots	0
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product web sub-family	Entry level
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Redundant	No
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## Physical

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Colour	Grey
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Height	4.4 cm
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Width	43.2 cm
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Depth	38.3 cm
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Net weight	10.18 kg
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mounting location	Front
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Mounting preference	Lower
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mounting mode	Rack-mounted
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Two post mountable	0
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USB compatible	No
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## Input

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Input voltage limits	151...302 V adjustable 195...265 V
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Network frequency	50/60 Hz +/- 3 Hz auto-sensing
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## Output

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Harmonic distortion	Less than 5 % at full load
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Maximum configurable power in VA	450 VA
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Maximum configurable power in W	280 W
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Transfer time	4 ms typical : 8 ms maximum
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UPS type	Line interactive
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Wave type	Stepped approximation to a sinewave
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Output frequency	47...53 Hz for 50 Hz nominal sync to mains 57...63 Hz for 60 Hz nominal sync to mains
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## Conformance

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Product certifications	C-Tick CE EAC GOST TISI VDE
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Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
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## Environmental

Acoustic level	38 dBA
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	0.0000000000...15240.0000000000 m
Relative humidity	0...95 %
Storage Relative Humidity	0...95 %

## Communications & Management

Emergency power off	Optional
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 10/100 Base-T Ethernet protection
Data line protection	RJ11 2-Way Modem/Fax/DSL splitter with protection (four wire dual line)
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	16.4 cm
Package 1 Width	47.6 cm
Package 1 Length	58.9 cm
Package 1 Weight	11.73 kg
Unit Type of Package 2	PAM
Number of Units in Package 2	32
Package 2 Height	143.8 cm
Package 2 Width	100 cm
Package 2 Length	120 cm
Package 2 Weight	403.2 kg

## 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-CO<sub>2</sub> 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 >](#)

[Guide to assess a product's sustainability >](#)



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

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

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](#)