

# Product datasheet

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	0.00...15240.00 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 performances. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

[Learn more about Green Premium >](#)



Energy Efficient Take-back Transparency RoHS/REACH

## Resource performance

Energy Efficient Product

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Take-Back Program Available

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## Well-being performance

Mercury Free

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Rohs Exemption Information Yes

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## Certifications & Standards

**Reach Regulation** [REACH Declaration](#)

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**Eu Rohs Directive** Compliant with Exemptions

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**Environmental Disclosure** [Product Environmental Profile](#)

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

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**Circularity Profile** [End of Life Information](#)

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