

# Product data sheet

Specifications



## APC Smart-UPS SC 450VA 120V - 1U Rackmount/Tower (Not for sale in CO, VT or WA)



SC450RM1U

! To be discontinued on: 31 December 2022

! To be discontinued



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### Overview

<b>Presentation</b>	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
<b>Lead time</b>	Usually in Stock

### Main

<b>Main Input Voltage</b>	120 V
<b>Main Output Voltage</b>	120 V
<b>Rated power in W</b>	280 W
<b>Rated power in VA</b>	450 VA
<b>Input Connection Type</b>	NEMA 5-15P
<b>Nb of power socket outlets</b>	4 NEMA 5-15R
<b>Number of rack unit</b>	1U
<b>Cable length</b>	6 ft (1.83 m)
<b>Number of cables</b>	1
<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

### General

<b>Number of power module filled slots</b>	0
<b>Number of power module free slots</b>	0
<b>Product web sub-family</b>	Entry level
<b>Redundant</b>	No

### Physical

<b>Color</b>	Gray
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Height	1.73 in (4.4 cm)
Width	17.01 in (43.2 cm)
Depth	15.16 in (38.5 cm)
Net Weight	23.74 lb(US) (10.77 kg)
Mounting Location	Front
Mounting preference	Lower
Mounting Mode	Rack-mounted
Two post mountable	0
USB compatible	No

## Input

Efficiency at full load	75...154 V adjustable 82...144 V
Input Frequency	50/60 Hz +/- 3 Hz auto-sensing

## Output

Maximum configurable power in VA	450 VA
Max Configurable Power (Watts)	280 W
Transfer Time	4ms typical : 8ms maximum
Topology	Line Interactive
Waveform Type	Stepped approximation to a sine wave
Output frequency	50/60 Hz +/- 3 Hz sync to mains

## Conformance

Product Certifications	CSA EAC
Equipment protection policy	Lifetime : \$150000
Standards	FCC Part 15 class A UL 1778

## Environmental

Acoustic level	38 dBA
Heat dissipation	38 Btu/h
Operating altitude	0...10000 ft
Ambient air temperature for operation	32...104 °F (0...40 °C)
Ambient Air Temperature for Storage	5...113 °F (-15...45 °C)
Storage altitude	0...50000 ft (0.00...15240.00 m)
Relative Humidity	0...95 %
Storage Relative Humidity	0...95 %

## Batteries & Runtime

Battery voltage	12 V
Extendable Run Time	0
Battery Capacity	9.0 Ah

Included Battery Modules	0
Battery Slots Empty	0
Typical recharge time	5 h
RBC Quantity	1
Battery life	3...5 year(s)
Battery power in VAH	108 VAh runtime
Battery Charge Power (Watts)	22 W rated

## Communications & Management

Audible 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 (EPO)	Optional
Free slots	0

## Surge Protection and Filtering

Data line protection	RJ11 Modem/Fax protection (four wire dual line) RJ45 10/100 Base-T Ethernet protection
Surge energy rating	400 J
Filtering	Full time multi-pole noise filtering : 0.7% IEEE surge let-through : zero clamping response time : m

## Ordering and shipping details

Category	11309 - APC RESALE PRODUCTS
GTIN	731304222705
Nbr. of units in pkg.	1
Package weight(Lbs)	1 lb(US) (0.45 kg)
Returnability	No
Country of origin	PH

## Packing Units

Package 1 Height	6.46 in (16.4 cm)
Package 1 width	18.74 in (47.6 cm)
Package 1 Length	23.19 in (58.9 cm)
Number of Units in Package 3	24

## Offer Sustainability

Sustainable offer status	Green Premium product
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>
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>

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<b>Optimized Energy Efficiency</b>	Energy efficient product
<b>Take-back</b>	Take-back program available

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**Contractual warranty**

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<b>Warranty</b>	2 years repair or replace
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