

# SC450RM1U

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



## 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

## General

Provided equipment	User Manual Rack Mounting brackets Smart UPS signalling RS-232 cable CD with software
Product web sub-family	Entry level
Performance multiplier	1
Number of tare power	14 W
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No
Size UPS version	Internetworking Server Telecom
UPS size	S
Value multiplier	1

## Physical

Cable length	6 ft (1.83 m)
Number of rack unit	1U
Color	Gray
Depth	15.16 in (38.5 cm)
Height	1.73 in (4.4 cm)
Mounting location	Front
Mounting preference	Lower
Net Weight	23.74 lb(US) (10.77 kg)
Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	No
Maximum Width	17.01 in (43.2 cm)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Input

Input Frequency	50/60 Hz +/- 3 Hz auto-sensing
Plug standard	NEMA 5-15P
Efficiency at full load	75...154 V adjustable 82...144 V
Number of cables	1
Nominal Input Voltage	120 V

## Output

Kw Rating	280 W
Max Configurable Power (Watts)	280 W
Output frequency	50/60 Hz +/- 3 Hz sync to mains
Topology	Line Interactive
Waveform Type	Stepped approximation to a sinewave
Nb of power socket outlets	4 NEMA 5-15R
Curve equation	Efficiency
Curve fixed loss	0.0262
Curve load maximum	100 %
Curve load minimum	3 %
Curve proportional loss	0
Curve square loss	0.0044
Curve X-axis maximum	100 %
Curve test cond ID	Curve fit of data measured in accordance with the US DOE Test Procedure for Uninterruptible Power Supplies. All measurements taken in normal mode(s), at typical environmental conditions, with 120V/60Hz electrical input and balanced resistive load (PF = 1.0) output.
Curve X-axis minimum	0 %
Curve X-axis title	Load
Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %
Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Graph display	1
Output voltage	120 V
Maximum configurable power in VA	450 VA
Rated power in VA	450 VA
Transfer Time	4ms typical : 8ms maximum

## Conformance

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

## Environmental

Ambient air temperature for operation	32...104 °F (0...40 °C)
Relative humidity	0...95 %
Operating altitude	0...10000 ft
Ambient air temperature for storage	5...113 °F (-15...45 °C)
Storage altitude	0...50000 ft (0.00...15240.00 m)
Acoustic level	38 dBA
Heat dissipation	38 Btu/h
Show note OP temperature	No

## Batteries & Runtime

Battery type	Lead-Acid battery
Included Battery Modules	0
Battery Slots Empty	0
Typical recharge time	5 h
RBC Quantity	1
Liquid Electrolyte Value	0
Battery curve	Z
Battery Charge Power (Watts)	22 W rated
Battery power in VAH	108 VAh runtime
Battery life	3...5 year(s)
Extendable Run Time	0

## Communications & Management

Free slots	0
Control panel	LED status display with On Line : On Battery : Replace Battery and Overload indicators
Audible Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Emergency Power Off (EPO)	Optional

## Surge Protection and Filtering

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

## Ordering and shipping details

Category	11309 - APC RESALE PRODUCTS
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>
Optimized Energy Efficiency	Energy efficient product

## Contractual warranty

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Warranty	2 years repair or replace
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