

# Product data sheet

Specifications



APC Smart-UPS, Line Interactive, 500VA, Lithium-ion, Rackmount 1U, 230V, 4x IEC C13 outlets, SmartConnect Port, Short Depth

SCL500RM1UC

## Overview

<b>Presentation</b>	Intelligent and efficient network power protection from entry level to scalable runtime. Ideal UPS for servers, point-of-sale, routers, switches, hubs and other network devices.
<b>Lead time</b>	Usually in Stock

## Main

<b>Main Input Voltage</b>	230 V
<b>Main Output Voltage</b>	230 V
<b>Rated power in W</b>	400 W
<b>Rated power in VA</b>	500 VA
<b>Product or component type</b>	Uninterruptible power supply (UPS)
<b>Input Connection Type</b>	IEC 60320 C14
<b>output connection type</b>	4 IEC 60320 C13
<b>Number of rack unit</b>	1U
<b>Battery type</b>	Li-Ion (Lithium-Ion)
<b>Provided equipment</b>	Installation guide Rack mounting support rails USB cable
<b>Range of product</b>	Smart-UPS

## Complementary

<b>Communication port type</b>	SmartConnect Ethernet port
<b>Software package</b>	SmartConnect software for remote power monitoring feature availability varies by terms of use

## Batteries & Runtime

<b>Run Time</b>	<a href="#">View Runtime Graph</a>
<b>Efficiency</b>	<a href="#">View Efficiency Graph</a>
<b>Battery graph comments</b>	This graph is based on actual measured runtime data. All measurements were taken with new, fully charged batteries and a balanced resistive load (PF = 1.0). Actual runtimes may vary from the values of this graph. Actual runtimes are dependent on several v
<b>Extended runtime</b>	0
<b>Battery design life</b>	8...10 year(s)
<b>Battery charger power</b>	10 W rated

## General

product web sub-family	Cloud-enabled monitoring
Redundant	No

## Physical

Colour	Black with silver front bezel
Height	4.4 cm
Width	43.2 cm
Depth	23.2 cm
Net weight	4.06 kg
Mounting preference	No preference
mounting mode	Rack-mounted
USB compatible	Yes

## Input

Input protection type	Circuit breaker
Input voltage limits	208...253 V
Network frequency	50/60 Hz +/- 3 Hz auto sensing

## Output

Harmonic distortion	Less than 5 %
Maximum configurable power in VA	500 VA
Maximum configurable power in W	400 W
Transfer time	6 ms typical : 10 ms maximum
UPS type	Line interactive
Wave type	Sine wave
Output frequency	50/60 Hz +/- 3 Hz sync to mains

## Conformance

Product certifications	C-Tick CE EAC RCM UK PSTI
Equipment protection policy	Lifetime : \$150000
Standards	EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018

## Environmental

Acoustic level	45 dBA
Heat dissipation	41.61 Btu/h
Operating altitude	0...10000 ft
Ambient air temperature for operation	0...40 °C
ambient air temperature for storage	-15...45 °C

<b>Storage altitude</b>	0.0000000000...7620.0000000000 m
<b>IP degree of protection</b>	IP20
<b>Relative humidity</b>	0...95 % non-condensing
<b>Storage Relative Humidity</b>	0...95 % non-condensing

## Communications & Management

<b>Control panel</b>	LED status display with on line : on battery : replace battery and building wiring fault
<b>Free slots</b>	0
<b>Communication port support</b>	SmartConnect Ethernet port: for cloud monitoring feature availability varies by terms of use
<b>Alarm</b>	Alarm when on battery : distinctive low battery alarm : configurable delays

## Surge Protection and Filtering

<b>Surge energy rate</b>	510 J
<b>Noise suppression</b>	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	16.8 cm
<b>Package 1 Width</b>	33.7 cm
<b>Package 1 Length</b>	59 cm
<b>Package 1 Weight</b>	6 kg

## Contractual warranty

<b>Warranty</b>	5 year 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 >](#)



Transparency RoHS/REACH

## 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](#)

Circularity Profile [End of Life Information](#)