

# Product data sheet

Specifications



## APC Smart-UPS, Line Interactive, 500VA, Lithium-ion, Rackmount 1U, 120V, 4x NEMA 5-15R outlets, SmartConnect Port, Short Depth

SCL500RM1UC

Product availability: Stock - Normally stocked in distribution facility

### Overview

Lead time Usually in Stock

### Main

Main Input Voltage	120 V
Main Output Voltage	120 V
Kw Rating	400 W
Rated power in VA	500 VA
Product or Component Type	Uninterruptible power supply (UPS)
Input Connection Type	NEMA 5-15P
output connection type	4 NEMA 5-15R
Number of rack unit	1U
Cable length	6 ft (1.8 m)
Number of cables	1
Battery Type	Li-Ion (Lithium Ion)
Provided equipment	CD with software Documentation CD Installation guide Rack Mounting support rails USB cable
Range of Product	Smart-UPS

### Complementary

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

### Batteries & Runtime

Run Time	<a href="#">View Runtime Graph</a>
Efficiency	<a href="#">View Efficiency Graph</a>
Battery graph comments	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 variables including battery age, battery charge level, environmental conditions and characteristics of the connected load.
Extendable Run Time	0

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Battery design life	8...10 year(s)
Battery Charge Power (Watts)	10 W rated

## General

product web sub-family	Cloud-enabled monitoring
Redundant	No

## Physical

color	Black with silver front bezel
Height	1.7 in (4.4 cm)
Width	17.008 in (43.2 cm)
Depth	9.1 in (23.2 cm)
Net Weight	9.22 lb(US) (4.18 kg)
Mounting preference	No preference
Mounting Mode	Rack-mounted
USB compatible	Yes

## Input

Input protection type	Circuit breaker
Efficiency at full load	92...139 V
Input Frequency	50/60 Hz +/- 3 Hz auto sensing

## Output

Harmonic distortion	Less than 5%
Maximum configurable power in VA	500 VA
Max Configurable Power (Watts)	400 W
Transfer Time	6ms typical : 10ms maximum
Topology	Line Interactive
Waveform Type	Sine wave
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz sync to mains

## Conformance

Product Certifications	cULus NOM
Equipment protection policy	Lifetime : \$150000

## Environmental

acoustic level	45 dBA
Online Thermal Dissipation	41.61 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...25000 ft (0.000000000...7620.000000000 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 rating</b>	680 J
<b>Filtering</b>	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m

## Ordering and shipping details

<b>Category</b>	80230-IG SEBA TO SEUSA
<b>Discount Schedule</b>	BMS1
<b>GTIN</b>	731304344551
<b>Returnability</b>	No
<b>Country of origin</b>	PH

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	6.6 in (16.8 cm)
<b>Package 1 Width</b>	13.3 in (33.7 cm)
<b>Package 1 Length</b>	23.2 in (59 cm)
<b>Package 1 Weight</b>	13.2 lb(US) (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 >](#)



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](#)

Circularity Profile [End of Life Information](#)

Optimized Energy Efficiency Energy efficient product

Take-Back Take-back program available

Image of product / Alternate images

Alternative

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