# 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

| | |
|---|---|
| **Product or Component Type** | Uninterruptible power supply (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** | View Runtime Graph |
| **Efficiency** | View Efficiency Graph |
| **Battery Type** | Li-Ion (Lithium Ion) |
| **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 |
| **Battery design life** | 8…10 year(s) |
| **Battery Charge Power (Watts)** | 10 W rated |

## General

| | |
|---|---|
| **Provided equipment** | CD with software<br>Documentation CD<br>Installation guide<br>Rack Mounting support rails<br>USB cable |
| **product web sub-family** | Cloud-enabled monitoring |
| **Redundant** | No |

## Physical

| | |
|---|---|
| **Number of rack unit** | 1U |
| **Cable length** | 6 ft (1.8 m) |
| **Number of cables** | 1 |

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

Disclaimer: 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

| | |
|---|---|
| **color** | Black with silver front bezel |
| **Height** | 1.73 in (4.4 cm) |
| **Width** | 17.01 in (43.2 cm) |
| **Depth** | 9.13 in (23.2 cm) |
| **Product Weight** | 9.22 lb(US) (4.18 kg) |
| **Mounting preference** | No preference |
| **Mounting Mode** | Rack-mounted |
| **USB compatible** | Yes |

## Input

| | |
|---|---|
| **Main Input Voltage** | 120 V |
| **Input Connection Type** | NEMA 5-15P |
| **Input protection type** | Circuit breaker |
| **Efficiency at full load** | 92...139 V |
| **Input Frequency** | 50/60 Hz +/- 3 Hz auto sensing |

## Output

| | |
|---|---|
| **Main Output Voltage** | 120 V |
| **Kw Rating** | 400 W |
| **Rated power in VA** | 500 VA |
| **output connection type** | 4 NEMA 5-15R |
| **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** | 50/60 Hz +/- 3 Hz sync to mains |

## Conformance

| | |
|---|---|
| **Product Certifications** | cULus<br>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 (0.0000000000…7620.0000000000 m) |
| **IP degree of protection** | IP20 |

| | |
|---|---|
| **Relative Humidity** | 0…95 % non-condensing |
| **Storage Relative Humidity** | 0…95 % non-condensing |

## Communications & Management

| | |
|---|---|
| **control panel** | LED status display with On Line : On Battery : Replace Battery and Building Wiring Fault |
| **Free slots** | 0 |
| **Communication port support** | SmartConnect Ethernet port: for cloud monitoring feature availability varies by terms of use |
| **Alarm** | Alarm when on battery : distinctive low battery alarm : configurable delays |

## Surge Protection and Filtering

| | |
|---|---|
| **Surge energy rating** | 680 J |
| **Filtering** | Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m |

## Ordering and shipping details

| | |
|---|---|
| **Category** | 80230-IG SEBA TO SEUSA |
| **Discount Schedule** | BMS1 |
| **GTIN** | 731304344551 |
| **Returnability** | No |
| **Country of origin** | PH |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Number of Units in Package 1** | 1 |
| **Package 1 Height** | 6.61 in (16.8 cm) |
| **Package 1 Width** | 13.27 in (33.7 cm) |
| **Package 1 Length** | 23.23 in (59 cm) |
| **Package 1 Weight** | 13.2 lb(US) (6 kg) |

## Contractual warranty

| | |
|---|---|
| **Warranty** | 5 year repair or replace |

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

### Environmental footprint

| | |
|---|---|
| Carbon footprint (kg CO2 eq, Total Life cycle) | **596** |
| Environmental Disclosure | **Product Environmental Profile** |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **Yes** |
| Packaging without single use plastic | **No** |
| EU RoHS Directive | **Compliant with Exemptions** |
| SCIP Number | **C151e0e4-d5aa-4595-a297-c593b8808426** |
| REACh Regulation | **REACh Declaration** |

### Energy efficiency

| | |
|---|---|
| Optimized Energy Efficiency | **Energy efficient product** |
| Product contributes to saved and avoided emissions | **Yes** |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Circularity Profile | **End of Life Information** |
| Removable battery | **User replaceable** |
| Take-back | **Yes** |

## Image of product / Alternate images

### Alternative





