Product data sheet

Specifications



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

SCL500RM1U

Overview

Lead time	Usually in Stock

Main

Product or Component Type	Uninterruptible power supply (UPS)

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 Documentation CD Installation guide Rack Mounting support rails USB cable
Redundant	No

Physical

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

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

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 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

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

GTIN	731304433040
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

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
REACh Regulation	REACh Declaration

Energy efficiency

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	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Image of product / Alternate images

Alternative



