Product data sheet

Specifications



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

SCL500RM1U

Product availability: Non-Stock - Not normally stocked in distribution facility

Overview

Lead time	Usually in Stock

Main

Main Input Voltage	120 V AC 1 phase
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 voltage	120 V AC 1 phase
Rated power in W	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 (sync to mains)	50/60 Hz +/- 3 Hz sync to mains

Complementary

Battery Size	Li-Ion (Lithium Ion) internal included
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
UPS connectivity	Serial port USB port
Surge energy rating	680 J
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m
Number of rack unit	1U

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

Cable length	6 ft (1.8 m)
Number of cables	1
color	Black with silver front bezel
Height	1.7 in (44 mm)
Width	17.008 in (432 mm)
Depth	9.1 in (232 mm)
Net Weight	9.22 lb(US) (4.18 kg)
Mounting preference	No preference
Mounting Mode	Rack-mounted
USB compatible	Yes
Mounting mode	Rack-mounted
Provided equipment	CD with software Documentation CD Installation guide Rack Mounting support rails USB cable
Redundant	No
Range of Product	Smart-UPS
Product or Component Type	Uninterruptible power supply (UPS)

Environment

Product Certifications	cULus NOM
Equipment protection policy	Lifetime : $150000
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…7620 m)
IP degree of protection	IP20
Relative Humidity	0…95 % non-condensing
Storage Relative Humidity	0…95 % non-condensing
Acoustic level	45 dBA
Heat dissipation	41.61 Btu/h
Operating altitude	0...10000 ft

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

Ordering and shipping details

GTIN	731304433040
Country of origin	PH

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	6.6 in (16.8 cm)
Package 1 Width	23.2 in (59 cm)
Package 1 Length	13.3 in (33.7 cm)
Package weight(Lbs)	13.2 lb(US) (6 kg)

Contractual warranty

Warranty (in months)	60

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

Total lifecycle Carbon footprint	**187 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**87 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**2 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0.6 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**94 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**3 kg CO2 eq.**
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 By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold

Energy efficiency

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

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

Recyclability potential, in %	**51**
Circularity Profile	End of Life Information
Removable battery	**User replaceable**
Take-back	**Yes**
WEEE Label	**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