

Product data sheet

Specifications



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

SCL500RM1UNC

Overview

Lead time	Usually in Stock
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Main

Product or component type	Uninterruptible power supply (UPS)
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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 v
Extended runtime	0
Battery design life	8...10 year(s)
Battery charger power	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	1.8 m
Number of cables	1
Colour	Black with silver front bezel
Height	4.4 cm
Width	43.2 cm
Depth	23.2 cm
Net weight	4.22 kg
Mounting preference	No preference

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
Input voltage limits	92...139 V
Network frequency	50/60 Hz +/- 3 Hz auto sensing

Output

Main Output Voltage	120 V
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
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	cULus NOM
Equipment protection policy	Lifetime : \$150000

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
Storage altitude	0...7620 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

Preinstalled device	Network management card 3
Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays

Surge Protection and Filtering

Surge energy rate	680 J
Noise suppression	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	16.8 cm
Package 1 Width	33.7 cm
Package 1 Length	59 cm
Package 1 Weight	6.49 kg

Contractual warranty

Warranty	5 year repair or replace
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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	603
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	
Energy Efficiency Optimized	Energy efficient product
Product contributes to saved and avoided emissions	Yes

Use Again

Repack and remanufacture	
End of life manual availability	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



