

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

Overview

Lead time Usually in Stock

Main

Main Input Voltage	120 V
Main Output Voltage	120 V
Rated power in W	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

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 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

product web sub-family	Cloud-enabled monitoring
Redundant	No

Physical

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

Output

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	32.0000000000...104.0000000000 °F (0...40 °C)
Ambient air temperature for storage	5.0000000000...113.0000000000 °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
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Communications & Management

control panel	LED status display with on line : on battery : replace battery and building wiring fault
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Free slots	0
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Communication port support	SmartConnect Ethernet port: for cloud monitoring feature availability varies by terms of use
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Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
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Surge Protection and Filtering

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

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	6.6 in (16.8 cm)
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Package 1 Width	13.3 in (33.7 cm)
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Package 1 Length	23.2 in (59 cm)
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Package 1 Weight	13.2 lb(US) (6 kg)
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Contractual warranty

Warranty	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-CO₂ 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](#)