

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

Main Input Voltage	120 V
Main Output Voltage	120 V
Kw Rating	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 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)

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

Battery Charge Power (Watts)	10 W rated
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General

product web sub-family	Cloud-enabled monitoring
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Redundant	No
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Physical

color	Black with silver front bezel
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Height	1.7 in (4.4 cm)
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Width	17.008 in (43.2 cm)
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Depth	9.1 in (23.2 cm)
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Net Weight	9.22 lb(US) (4.18 kg)
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Mounting preference	No preference
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Mounting Mode	Rack-mounted
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USB compatible	Yes
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Input

Input protection type	Circuit breaker
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Efficiency at full load	92...139 V
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Input Frequency	50/60 Hz +/- 3 Hz auto sensing
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Output

Harmonic distortion	Less than 5%
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Maximum configurable power in VA	500 VA
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Max Configurable Power (Watts)	400 W
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Transfer Time	6ms typical : 10ms maximum
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Topology	Line Interactive
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Waveform Type	Sine wave
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Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz sync to mains
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Conformance

Product Certifications	cULus NOM
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Equipment protection policy	Lifetime : \$150000
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Environmental

Acoustic level	45 dBA
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Online Thermal Dissipation	41.61 Btu/h
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Operating altitude	0...10000 ft
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Ambient Air Temperature for Operation	32.0000000000...104.0000000000 °F (0...40 °C)
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Ambient Air Temperature for Storage	5.0000000000...113.0000000000 °F (-15...45 °C)
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Storage altitude	0...25000 ft (0.0000000000...7620.0000000000 m)
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IP degree of protection	IP20
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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	6.6 in (16.8 cm)
Package 1 Width	13.3 in (33.7 cm)
Package 1 Length	23.2 in (59 cm)
Package 1 Weight	13.2 lb(US) (6 kg)

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](#)
