

# 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

Main Input Voltage 120 V

Main Output Voltage 120 V

Kw Rating 400 W

Rated power in VA 500 VA

Input Connection Type NEMA 5-15P

Output connection type 4 NEMA 5-15R

Number of rack unit 1U

Cable length 6 ft (1.83 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

### Batteries & Runtime

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 power in VAh 36 VAh runtime

Battery Charge Power (Watts) 10 W rated

### General

Redundant No

### Physical

Color Black with silver front bezel

<b>Height</b>	1.73 in (4.4 cm)
<b>Width</b>	17.01 in (43.2 cm)
<b>Depth</b>	9.13 in (23.2 cm)
<b>Net Weight</b>	9.22 lb(US) (4.18 kg)
<b>Mounting preference</b>	No preference
<b>Mounting Mode</b>	Rack-mounted
<b>USB compatible</b>	Yes

## Input

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

## Output

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

## Conformance

<b>Product Certifications</b>	cULus NOM
<b>Equipment protection policy</b>	Lifetime : \$150000

## Environmental

<b>Acoustic level</b>	45 dBA
<b>Operating altitude</b>	0...10000 ft
<b>Ambient air temperature for operation</b>	32...104 °F (0...40 °C)
<b>Ambient Air Temperature for Storage</b>	5...113 °F (-15...45 °C)
<b>Storage altitude</b>	0...25000 ft (0.00...7620.00 m)
<b>IP degree of protection</b>	IP20
<b>Relative Humidity</b>	0...95 % non-condensing
<b>Storage Relative Humidity</b>	0...95 % non-condensing

## Communications & Management

<b>Control panel</b>	LED status display with On Line : On Battery : Replace Battery and Building Wiring Fault
<b>Free slots</b>	0
<b>Alarm</b>	Alarm when on battery : distinctive low battery alarm : configurable delays

## Surge Protection and Filtering

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Surge energy rating 680 J

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Filtering Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m

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## Ordering and shipping details

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GTIN 731304433040

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## Packing Units

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Unit Type of Package 1 PCE

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Number of Units in Package 1 1

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Package 1 Height 6.61 in (16.8 cm)

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Package 1 Width 13.27 in (33.7 cm)

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Package 1 Length 23.23 in (59 cm)

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Package 1 Weight 13.23 lb(US) (6 kg)

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## Offer Sustainability

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REACH Regulation [REACH Declaration](#)

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EU RoHS Directive Compliant  
[EU RoHS Declaration](#)

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Mercury free Yes

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China RoHS Regulation [China RoHS declaration](#)  
Product out of China RoHS scope. Substance declaration for your information.

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RoHS exemption information Yes

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WEEE The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

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## Contractual warranty

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Warranty 5 year repair or replace

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## Recommended replacement(s)