

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 |
| Kw Rating | 400 W |
| Rated power in VA | 500 VA |
| Plug standard | NEMA 5-15P |
| Nb of power socket outlets | 4 NEMA 5-15R |
| Number of rack unit | 1U |
| Battery Type | Li-Ion (Lithium Ion) |
| Provided equipment | CD with software Documentation CD Installation guide Rack Mounting support rails USB cable |

General

| | |
|-------------------------------------|-------------|
| Number of power module filled slots | 0 |
| Number of power module free slots | 0 |
| Product web sub-family | Lithium Ion |
| Redundant | No |

Physical

| | |
|------------------|-------------------------------|
| Color | Black with silver front bezel |
| Height | 1.73 in (4.4 cm) |
| Width | 17.01 in (43.2 cm) |
| Depth | 9.13 in (23.2 cm) |
| Net Weight | 9.22 lb(US) (4.18 kg) |
| Mounting Support | Floor Wall |

| | |
|---------------------|---------------|
| Mounting preference | No preference |
| Mounting Mode | Rack-mounted |
| Two post mountable | 1 |
| USB compatible | Yes |

Input

| | |
|-------------------------|------------|
| Efficiency at full load | 92...139 V |
| Input Frequency | 47...63 Hz |

Output

| | |
|----------------------------------|---------------------------------|
| 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 |

Conformance

| | |
|-----------------------------|---|
| Product Certifications | cULus NOM |
| Equipment protection policy | Lifetime : \$150000 |
| Standards | CSA C22.2 No 107.3 FCC Part 15 class A UL 1778 UL 1973 |

Environmental

| | |
|---------------------------------------|----------------------------------|
| Acoustic level | 45 dBA |
| Operating altitude | 0...6561 ft |
| 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...49212 ft (0.00...14999.82 m) |
| Relative Humidity | 10...90 % non-condensing |
| Storage Relative Humidity | Non-condensing 10...90 % |

Batteries & Runtime

| | |
|--------------------------|----------------|
| Extendable Run Time | 0 |
| Battery design life | 5 year(s) |
| Battery design life | 5...10 year(s) |
| Included Battery Modules | 0 |
| Battery Slots Empty | 0 |
| Typical recharge time | 3 h |
| Battery Life | 8...10 year(s) |
| Battery power in VAh | 30 VAh runtime |

| | |
|------------------------------|------------|
| Battery Charge Power (Watts) | 10 W rated |
|------------------------------|------------|

Communications & Management

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|---------------|--|
| Audible Alarm | Alarm when on battery : distinctive low battery alarm : configurable delays |
| Control panel | LED status display with On Line : On Battery : Replace Battery and Building Wiring Fault |
| Free slots | 0 |

Surge Protection and Filtering

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|---------------------|--|
| 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

| | |
|---------------------|---------------------|
| GTIN | 731304344551 |
| Package weight(Lbs) | 13.23 lb(US) (6 kg) |

Packing Units

| | |
|------------------|--------------------|
| Package 1 Height | 6.61 in (16.8 cm) |
| Package 1 width | 23.23 in (59 cm) |
| Package 1 Length | 13.27 in (33.7 cm) |

Offer Sustainability

| | |
|-----------------------------|--|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |
| Optimized Energy Efficiency | Energy efficient product |
| Take-back | Take-back program available |

Contractual warranty

| | |
|----------|--------------------------|
| Warranty | 5 year repair or replace |
|----------|--------------------------|