

Product data sheet

Specifications



APC Smart-UPS, Line Interactive, 500VA, Lithium-ion, Rackmount 1U, 230V, 4x IEC C13 outlets, SmartConnect Port, Short Depth

SCL500RMI1UC

Overview

| | |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Presentation | Intelligent and efficient network power protection from entry level to scalable runtime. Ideal UPS for servers, point-of-sale, routers, switches, hubs and other network devices. |
| Lead time | Usually in Stock |

Main

| | |
|----------------------------------|---------------------------------|
| Main Input Voltage | 230 V AC 1 phase |
| Input Connection Type | IEC 60320 C14 |
| Input protection type | Circuit breaker |
| Efficiency at full load | 208...253 V |
| Input Frequency | 50/60 Hz +/- 3 Hz auto sensing |
| Output voltage | 230 V AC 1 phase |
| Rated power in W | 400 W |
| rated power in VA | 500 VA |
| output connection type | 4 IEC 60320 C13 |
| Harmonic distortion | Less than 5% |
| 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 | 50/60 Hz +/- 3 Hz sync to mains |

Graphs

| | |
|------------|---------------------------------------|
| Run Time | View Runtime Graph |
| Efficiency | View Efficiency Graph |

Complementary

| | |
|---------------|------------------------------------------------------------------------------------------|
| Battery Size | Li-Ion (Lithium Ion) internal included |
| Control panel | LED status display with On Line : On Battery : Replace Battery and Building Wiring Fault |
| Free slots | 0 |
| Alarm | Alarm when on battery : distinctive low battery alarm : configurable delays |

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

| | |
|-----------------------------------|------------------------------------------------------------------------------------------------------|
| Software compatibility | SmartConnect IT Expert PowerChute Serial Shutdown |
| UPS connectivity | Serial port USB port SmartConnect port |
| Communication port support | SmartConnect Ethernet port: for cloud monitoring feature availability varies by terms of use |
| Software package | SmartConnect software for remote power monitoring feature availability varies by terms of use |
| Surge energy rating | 510 J |
| Filtering | Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m |
| Number of rack unit | 1U |
| color | Black with silver front bezel |
| Height | 1.7 in (44 mm) |
| Width | 17.008 in (432 mm) |
| Depth | 9.1 in (232 mm) |
| Product Weight | 8.95 lb(US) (4.06 kg) |
| Mounting preference | No preference |
| Mounting Mode | Rack-mounted |
| USB compatible | Yes |
| Mounting mode | Rack-mounted |
| Provided equipment | Installation guide Rack Mounting support rails USB cable |
| Additional specification | Cloud-enabled monitoring |
| Redundant | No |
| Range of Product | Smart-UPS |
| Product or Component Type | Uninterruptible power supply (UPS) |

Environment

| | |
|----------------------------------------------|----------------------------------------------------|
| Product Certifications | C-tick CE EAC RCM UK PSTI |
| Equipment protection policy | Lifetime : \$150000 |
| Standards | EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018 |
| 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...25000 ft (0...7620 m) |
| IP degree of protection | IP20 |
| Relative Humidity | 0...95 % non-condensing |
| Storage Relative Humidity | 0...95 % non-condensing |
| Acoustic level | 45 dBA |

| | |
|----------------------------|--------------|
| Online Thermal Dissipation | 41.61 Btu/h |
| Operating altitude | 0...10000 ft |

Batteries & Runtime

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

Ordering and shipping details

| | |
|-------------------|--------------|
| GTIN | 731304402558 |
| Country of origin | PH |

Packing Units

| | |
|------------------------|--------------------|
| Unit Type of Package 1 | PCE |
| Nbr. of units in pkg. | 1 |
| Package 1 Height | 6.6 in (16.8 cm) |
| Package 1 Width | 23.2 in (59 cm) |
| Package 1 Length | 13.3 in (33.7 cm) |
| Package weight(Lbs) | 13.2 lb(US) (6 kg) |

Contractual warranty

| | |
|----------------------|----|
| Warranty (in months) | 60 |
|----------------------|----|



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 | 183 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 70 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 0.8 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 0.4 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 108 kg CO2 eq. |
| Carbon footprint of the end-of-life phase [C1 to C4] | 4 kg CO2 eq. |
| Environmental Disclosure | Product Environmental Profile |

Use Better



Materials and Substances

| | |
|----------------------------------------|----------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | No |
| SCIP Number | 0637234b-27c7-4e32-ae29-543dd4803a99 |
| EU RoHS Directive | Compliant By Exemption |
| REACH Regulation | Reference contains Substances of Very High Concern above the threshold |



Energy efficiency

| | |
|----------------------------------------------------|--------------------------|
| Optimized Energy Efficiency | Energy efficient product |
| Product contributes to saved and avoided emissions | Yes |

Use Longer



Lifetime extension

| | |
|--------|----|
| Repair | No |
|--------|----|

Use Again



Repack and remanufacture

| | |
|-------------------------------|-----------------------------------------|
| Recyclability potential, in % | 51 |
| Circularity Profile | 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.

Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features



Get the most out of your UPS with

EcoStruxure™ IT

- Improved Hardware Protection
- Monitor and Manage
- Environmental Monitoring
- Asset Management
- Predictive Maintenance
- Load Optimization
- Compliance and Reporting