

Product datasheet

Specifications



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

SCL500RM1UC

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

Product or component type Uninterruptible power supply (UPS)

Complementary

Communication port type SmartConnect Ethernet port

Software package SmartConnect software for remote power monitoring feature availability varies by terms of use

Mounting mode Rack-mounted

UPS connectivity Serial port
USB port
SmartConnect port

Battery type Li-Ion (Lithium-Ion) internal included

Batteries & Runtime

Run Time [View Runtime Graph](#)

Efficiency [View Efficiency Graph](#)

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 v

Extended runtime 0

Battery design life 8...10 year(s)

Battery charger power 10 W rated

General

Provided equipment Installation guide
Rack mounting support rails
USB cable

product web sub-family Cloud-enabled monitoring

Redundant No

Physical

Number of rack unit	1U
Colour	Black with silver front bezel
Height	44 mm
Width	432 mm
Depth	232 mm
Net weight	4.06 kg
Mounting preference	No preference
Mounting mode	Rack-mounted
USB compatible	Yes

Input

Main Input Voltage	230 V AC 1 phase
Input Connection Type	IEC 60320 C14
Input protection type	Circuit breaker
Input voltage limits	208...253 V
Network frequency	50/60 Hz +/- 3 Hz auto sensing

Output

Main 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
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	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

Environmental

Acoustic level	45 dBA
Heat dissipation	41.61 Btu/h

Operating altitude	0...10000 ft
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-15...45 °C
Storage altitude	0...7620 m
IP degree of protection	IP20
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 rate	510 J
Noise suppression	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	16.8 cm
Package 1 Width	59 cm
Package 1 Length	33.7 cm
Package 1 Weight	6 kg

Contractual warranty

Warranty (in months)	60
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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
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Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
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Packaging without single use plastic	No
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EU RoHS Directive	Compliant with Exemptions
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SCIP Number	0637234b-27c7-4e32-ae29-543dd4803a99
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REACH Regulation	REACH Declaration
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Energy efficiency

Energy Efficiency Optimized	Energy efficient product
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Product contributes to saved and avoided emissions	Yes
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Use Again

Repack and remanufacture

End of life manual availability	End of Life Information
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Removable battery	User replaceable
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Take-back	Yes
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WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
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