

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

Main Input Voltage 230 V

Main Output Voltage 230 V

Rated Power In W 400 W

Rated Power In Va 500 VA

Input Connection Type IEC 60320 C14

Output Connection Type 4 IEC 60320 C13

Number Of Rack Unit 1U

Battery Type Li-Ion (Lithium-Ion)

Provided Equipment Installation guide
Rack mounting support rails
USB cable

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 v

Extended Runtime 0

Battery Design Life 8...10 year(s)

Battery Charger Power 10 W rated

General

Product Web Sub-Family Cloud-enabled monitoring

Redundant No

Physical

Colour	Black with silver front bezel
Height	4.4 cm
Width	43.2 cm
Depth	23.2 cm
Net Weight	4.06 kg
Mounting Preference	No preference
Mounting Mode	Rack-mounted
Usb Compatible	Yes

Input

Input Protection Type	Circuit breaker
Input Voltage Limits	208...253 V
Network Frequency	50/60 Hz +/- 3 Hz auto sensing

Output

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
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	0.00...7620.00 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	33.7 cm
Package 1 Length	59 cm
Package 1 Weight	6 kg

Logistical informations

Country Of Origin	PH
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Contractual warranty

Warranty	5 year repair or replace
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Sustainability

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Transparency RoHS/REACH

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](#)