Product data sheet
Characteristics

SCL500RM1UC

APC Smart-UPS, Line Interactive, 500VA, Lithium-ion, Rackmount 1U, 120V, 4x NEMA 5-15R outlets, SmartConnect Port, Short Depth

APC by Schneider Electric

Green Premium Product

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

Complementary

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

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 Charge Power (Watts)	10 W rated

General

Product web sub-family	Cloud-enabled monitoring
Redundant	No

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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 preference	No preference
Mounting Mode	Rack-mounted
USB compatible	Yes

Input

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

Output

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 (sync to mains)	50/60 Hz +/- 3 Hz sync to mains

Conformance

Product Certifications	cULus[RETURN]NOM
Equipment protection policy	Lifetime : $150000

Environmental

Acoustic level	45 dBA
Operating altitude	0...10000 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…25000 ft (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 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

Category	80230-IG SEBA TO SEUSA
Discount Schedule	BMS1
GTIN	731304344551
Returnability	No
Country of origin	PH

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.61 in (16.8 cm)
Package 1 Width	13.27 in (33.7 cm)
Package 1 Length	23.23 in (59 cm)
Package 1 Weight	13.23 lb(US) (6 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant with Exemptions
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