

Product data sheet

Specifications



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

SC500RM1U

Overview

Lead time Usually in Stock

Main

Main Input Voltage	120 V
Other Input Voltage	120 V
Main Output Voltage	120 V
Other Output Voltage	120 V
Kw Rating	300 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	8 ft (2.4 m)
Number of cables	1
Battery Type	Lead-Acid battery
Provided equipment	Installation guide Safety guide USB cable Smart UPS signalling RS-232 cable Rack Mounting brackets

Complementary

Communication port type USB

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Battery Voltage	12 V
Extendable Run Time	0
Battery Capacity	7 Ah
Included Battery Modules	0
Battery Slots Empty	0
Typical recharge time	5 h
RBC Quantity	1

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

Battery life	3...5 year(s)
Battery power in VAH	102 VAh
Battery Charge Power (Watts)	22 W

General

Number of power module filled slots	0
Number of power module free slots	0

Physical

color	Black
Height	1.7 in (44 mm)
Width	17.3 in (440 mm)
Depth	10.6 in (268 mm)
Net Weight	17.9 lb(US) (8.1 kg)
mounting location	Front
Mounting preference	Lower
Mounting Mode	Rack-mounted
USB compatible	Yes
Mounting position	Horizontal

Input

Input protection type	Circuit breaker
Plug standard	5-15P
Efficiency at full load	75...154 V adjustable 82...144 V
Input Frequency	50/60 Hz +/- 3 Hz auto sensing

Output

Maximum configurable power in VA	500 VA
Max Configurable Power (Watts)	300 W
Transfer Time	5ms typical : 8ms maximum
Topology	Line Interactive
Waveform Type	Stepped approximation to a sinewave
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz sync to mains

Conformance

Product Certifications	FCC part 15 class B UL 1778 cTUVus
Equipment protection policy	Lifetime : \$150000

Environmental

Acoustic level	40 dBA
Operating altitude	0...10000 ft

Ambient Air Temperature for Operation	32.0000000000...104.0000000000 °F (0...40 °C)
Ambient Air Temperature for Storage	5.0000000000...113.0000000000 °F (-15...45 °C)
Storage altitude	0...50000 ft (0.0000000000...15240.0000000000 m)
IP degree of protection	IP20
Relative Humidity	0...95 % non-condensing
Storage Relative Humidity	0...95 % non-condensing

Communications & Management

Free slots	0
Control panel	: front : replace battery and overload indicators
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

Surge Protection and Filtering

Surge energy rating	400 J
Filtering	Full time multi-pole noise filtering : 0.7% IEEE surge let-through : zero clamping response time : m

Ordering and shipping details

GTIN	731304452447
------	--------------

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.5 in (14 cm)
Package 1 Width	19.7 in (50 cm)
Package 1 Length	13.1 in (33.3 cm)
Package 1 Weight	19.2 lb(US) (8.7 kg)

Contractual warranty

Warranty	2 Years
----------	---------

Sustainability


Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

Well-being performance

 Mercury Free

 Rohs Exemption Information [Yes](#)

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant
[EU RoHS Declaration](#)

China Rohs Regulation [China RoHS declaration](#)
Product out of China RoHS scope. Substance declaration for your information.