

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

Product or Component Type Uninterruptible power supply (UPS)

Complementary

Communication port type USB

Batteries & Runtime

Run Time [View Runtime Graph](#)

Efficiency [View Efficiency Graph](#)

Battery Type Lead-Acid battery

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

Battery life 3...5 year(s)

Battery Charge Power (Watts) 22 W

General

Provided equipment
Installation guide
Safety guide
USB cable
Smart UPS signalling RS-232 cable
Rack Mounting brackets

Number of power module 0

Number of power module filled slots 0

Number of power module free slots 0

Physical

Number of rack unit 1U

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

Cable length	8 ft (2.4 m)
Number of cables	1
color	Black
Height	1.7 in (44 mm)
Width	17.3 in (440 mm)
Depth	10.6 in (268 mm)
Product 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

Main Input Voltage	120 V
Input Connection Type	NEMA 5-15P
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

Main Output Voltage	120 V
Kw Rating	300 W
Rated power in VA	500 VA
output connection type	4 NEMA 5-15R
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	50/60 Hz +/- 3 Hz sync to mains

Conformance

Product Certifications	FCC part 15 class B UL 1778 cTUVus ENERGY STAR V2.0 (USA)
Equipment protection policy	Lifetime : \$150000

Environmental

Acoustic level	40 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...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
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.51 in (14 cm)
Package 1 Width	19.69 in (50 cm)
Package 1 Length	13.11 in (33.3 cm)
Package 1 Weight	19.2 lb(US) (8.7 kg)

Contractual warranty

Warranty	2 Years
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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

Carbon footprint (kg CO2 eq, Total Life cycle) 403

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard No

Packaging without single use plastic No

[EU RoHS Directive](#) Compliant with Exemptions

REACH Regulation [REACH Declaration](#)

Energy efficiency

 [ENERGY STAR®](#) ENERGY STAR UPS V2.0 (USA)

Use Again

Repack and remanufacture

Circularity Profile [End of Life Information](#)

Removable battery User replaceable

Take-back No

Image of product / Alternate images

Alternative



