

Product data sheet

Specifications



APC Smart-UPS RT 1500VA, 120V, 6x NEMA 5-15R outlets

SURTA1500XL

⚠ Discontinued on: Jan 12, 2026

⚠ To be end-of-service on: Dec 31, 2027

⚠ Discontinued - Service only

Overview

Presentation	High density, double-conversion on-line power protection with scalable runtime.
Lead time	Usually in Stock

Main

Main Input Voltage	120 V AC 1 phase
Input Connection Type	NEMA 5-15P
Efficiency at full load	90...150 V
Input Frequency	50/60 Hz +/- 5 Hz auto-sensing
Output voltage	120 V AC 1 phase
Rated power in W	1050 W
rated power in VA	1500 VA
output connection type	6 NEMA 5-15R
Bypass type	Built-in Bypass
Crest factor	3 : 1
Harmonic distortion	Less than 3%
Maximum configurable power in VA	1500 VA
Max Configurable Power (Watts)	1050 W
Topology	On-Line
Waveform Type	Sine wave
Output frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 sync to mains
Replacement battery	RBC57

Graphs

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph

Complementary

Battery Size	Lead-acid internal included
Emergency Power Off (EPO)	Yes
Free slots	1

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

Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
UPS connectivity	Serial port USB port
Surge energy rating	540 J
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m
Number of rack unit	2U
Cable length	5.9 ft (1.8 m)
Number of cables	1
color	Black
Height	17.008 in (432 mm)
Width	3.3 in (85 mm)
Depth	22.008 in (559 mm)
Product Weight	60.6 lb(US) (27.5 kg)
Mounting Location	Front
Mounting preference	Lower
Mounting Mode	Not rack-mountable
Two post mountable	0
USB compatible	Yes
Mounting mode	Tower
Provided equipment	CD with software Documentation CD Installation guide Smart UPS signalling RS-232 cable User Manual USB cable
Number of power module filled slots	0
Number of power module free slots	0
Redundant	No
Range of Product	Smart-UPS On-Line
Product or Component Type	Uninterruptible power supply (UPS)

Environment

Product Certifications	BSMI CSA
Ambient Air Temperature for Operation	32...104 °F (0...40 °C)
Ambient Air Temperature for Storage	-4...122 °F (-20...50 °C)
Storage altitude	0...50000 ft (0...15240 m)
IP degree of protection	IP20
Relative Humidity	0...95 % non-condensing
Storage Relative Humidity	0...95 % non-condensing
Acoustic level	45 dBA
Online Thermal Dissipation	537 Btu/h
Operating altitude	0...10000 ft

Batteries & Runtime

Battery Type	Lead-Acid battery
Extendable Run Time	1
Included Battery Modules	1
Battery Slots Empty	0
Typical recharge time	3 h
RBC Quantity	1
Battery Life	3...5 year(s)
Battery Charge Power (Watts)	144 W rated

Ordering and shipping details

GTIN	731304226338
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Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	10.2 in (26 cm)
Package 1 Width	29.02 in (73.7 cm)
Package 1 Length	24.02 in (61 cm)
Package weight(Lbs)	69.14 lb(US) (31.36 kg)

Contractual warranty

Warranty (in months)	24
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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	4 901 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	398 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	4 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	4 494 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	4 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	B2b22a56-41f2-497e-9ea6-cf093b3b8bd3
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture


Recyclability potential, in %	65
Circularity Profile	End of Life Information
Removable battery	User replaceable
Take-back	Yes
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Image of product / Alternate images

Alternative



