

Product datasheet

Specifications



APC Smart-UPS On-Line,
1500VA, Tower, 120V, 6x 5-15R
NEMA outlets, SmartSlot,
Extended runtime, W/O rail kit

SRT1500XLA

Overview

Lead time Usually in Stock

Main

Main Input Voltage	120 V AC 1 phase
Input Connection Type	NEMA 5-15P
Input voltage limits	108...150 V 50...150 V 40% load
Network frequency	40...70 Hz auto-sensing
Output voltage	120 V 1 phase
Rated power in W	1350 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 2 %
Maximum configurable power in VA	1500 VA
Maximum configurable power in W	1350 W
UPS type	Double conversion online
Wave type	Sine wave
Output frequency	50/60 Hz +/- 3 Hz sync to mains

Complementary

Battery type	Lead-acid battery
Battery voltage	48 V
Extended runtime	0
Number of battery filled slots	1
Number of battery free slots	0
Battery recharge time	3 h
Number of battery replacement quantity	1
Battery life	3...5 year(s)
Battery charger power	91 W rated
Battery type	Lead-acid internal included

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Emergency power off	Yes
Free slots	1
Alarm	Audible and visible alarms : prioritized by severity
UPS connectivity	Serial port USB port
Surge energy rate	432 J
Cable length	1.8 m
Number of cables	1
Colour	Black
Height	432 mm
Width	85 mm
Depth	508 mm
Net weight	22 kg
Mounting preference	No preference
Mounting mode	Rack-mounted with kit
Two post mountable	0
USB compatible	Yes
Mounting position	Vertical
Mounting mode	Rack-mounted with included kit
Provided equipment	CD with software Communication cable Documentation CD Installation guide Removable support feet USB cable Warranty card
Range of product	Smart-UPS On-Line
Product or component type	Uninterruptible power supply (UPS)
Number of tare power	17 W
Curve equation	Efficiency
Curve fixed loss	0.0255
Curve load maximum	100 %
Curve load minimum	3 %
Curve proportional loss	0.025
Curve square loss	0.0428
Curve test cond ID	Curve fit of data measured in accordance with the US DOE Test Procedure for Uninterruptible Power Supplies. All measurements taken in normal mode(s), at typical environmental conditions, with 120V/60Hz electrical input and balanced resistive load (PF = 1.0) output.
Curve X-axis maximum	100 %
Curve X-axis minimum	0 %
Curve X-axis title	Load
Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %

Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Graph display	1
Show note OP temperature	No
Battery curve	D
Liquid value	0
Battery design life	2 year(s)
UPS design life	7 year(s)
Battery power in VAH	273 VAh runtime
Battery option	SRT48BP 1 819 VAh SRT48BP 2 1365 VAh SRT48BP 3 1910 VAh SRT48BP 4 2456 VAh SRT48BP 5 3002 VAh SRT48BP 6 3548 VAh SRT48BP 8 4640 VAh SRT48BP 10 5731 VAh
UPS size	S

Environment

Product certifications	ENERGY STAR V2.0 (USA)
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-20...50 °C
Storage altitude	0...15240 m
IP degree of protection	IP20
Relative humidity	0...95 % non-condensing
Storage Relative Humidity	0...95 % non-condensing
Acoustic level	50 dBA
Heat dissipation	463 Btu/h
Operating altitude	0...10000 ft

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	24.5 cm
Package 1 Width	69.0 cm
Package 1 Length	59.5 cm
Package 1 Weight	32.58 kg

Contractual warranty

Warranty (in months)	24 Battery 36 UPS
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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 4904

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard Yes

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 Longer

Lifetime extension

Repair No

Use Again

Repack and remanufacture

End of life manual availability [End of Life Information](#)

Removable battery User replaceable

Take-back No

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

