

Product data sheet

Specifications



APC Smart-UPS XL 1000VA USB & Serial 230V

SUA1000XLI

Overview

Presentation Intelligent and efficient network power protection from entry level to scalable runtime. Ideal UPS for servers, point-of-sale, routers, switches, hubs and other network devices.

Lead time Usually in Stock

Main

Main Input Voltage 230 V AC 1 phase

Input Connection Type IEC 320 C14

Efficiency at full load 151...302 V adjustable
160...286 V

Input Frequency 50/60 Hz +/- 3 Hz auto-sensing

Output voltage 230 V AC 1 phase

Rated power in W 800 W

rated power in VA 1000 VA

output connection type 8 IEC 320 C13
2 IEC Jumpers

Crest factor Up to 5 : 1

Harmonic distortion Less than 5 % at full load

Maximum configurable power in VA 1000 VA

Max Configurable Power (Watts) 800 W

Topology Line Interactive

Waveform Type Sine wave

Output frequency 47...53 Hz for 50 Hz nominal sync to mains
57...63 Hz for 60 Hz nominal sync to mains

Replacement battery [RBC7](#)

Graphs

Run Time [View Runtime Graph](#)

Complementary

Additional information Configurable for 220 : 230 or 240 nominal output voltage

Battery Size Lead-acid internal included

Control panel LED status display with load and battery bar-graphs and On Line : On Battery :
Replace Battery : and Overload Indicators

Emergency Power Off (EPO) Optional

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

Free slots	1
Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
UPS connectivity	Serial port USB port Available expansion slot
Surge energy rating	320 J
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m
Number of rack unit	0U
Cable length	6 ft (1.8 m)
Number of cables	1
color	Black
Height	8.5 in (216 mm)
Width	6.7 in (170 mm)
Depth	17.3 in (439 mm)
Product Weight	60.12 lb(US) (27.27 kg)
Mounting Location	Front
Mounting preference	No preference
Mounting Mode	Not rack-mountable
Two post mountable	0
USB compatible	Yes
Mounting mode	Tower
Provided equipment	CD with software Smart UPS signalling RS-232 cable User Manual USB cable
Number of power module	0
Number of power module filled slots	0
Number of power module free slots	0
Additional specification	Extended run
Redundant	No
Range of Product	Smart-UPS
Product or Component Type	Uninterruptible power supply (UPS)

Environment

Product Certifications	C-tick CE GOST VDE
Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
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...15240 m)
Relative Humidity	0...95 %

Storage Relative Humidity	0...95 %
Acoustic level	42 dBA
Online Thermal Dissipation	120 Btu/h
Operating altitude	0...10000 ft

Batteries & Runtime

Battery Type	Lead-Acid battery
Extendable Run Time	1
Included Battery Modules	0
Battery Slots Empty	0
Typical recharge time	3 h
RBC Quantity	1
Battery Life	3...5 year(s)
Battery Charge Power (Watts)	136 W rated

Ordering and shipping details

GTIN	731304105237
Country of origin	PH

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	15.2 in (38.7 cm)
Package 1 Width	23.3 in (59.1 cm)
Package 1 Length	12.6 in (32 cm)
Package weight(Lbs)	65.15 lb(US) (29.55 kg)

Contractual warranty

Warranty (in months)	24
----------------------	----



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	1 806 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	816 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	19 kg CO2 eq.
Carbon footprint of the installation phase [A5]	6 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	935 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	30 kg CO2 eq.

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
--------	----

Use Again



Repack and remanufacture


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



