

Product datasheet

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

Product or component type Uninterruptible power supply (UPS)

Complementary

Communication port type SmartSlot

Mounting mode Tower

UPS connectivity Serial port
USB port
Available expansion slot

Battery type Lead-acid internal included

Batteries & Runtime

Run Time [View Runtime Graph](#)

Battery type Lead-acid battery

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

Extended runtime 1

Number of battery filled slots 0

Number of battery free slots 0

Battery recharge time 3 h

Number of battery replacement quantity 1

Battery life 3...5 year(s)

Replacement battery [RBC7](#)

Battery charger power 136 W rated

General

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
product web sub-family	Extended run
Redundant	No

Physical

Number of rack unit	0U
Cable length	1.8 m
Number of cables	1
Colour	Black
Height	216 mm
Width	170 mm
Depth	439 mm
Net weight	27.27 kg
Mounting location	Front
Mounting preference	No preference
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	Yes

Input

Main Input Voltage	230 V AC 1 phase
Input Connection Type	IEC 320 C14
Input voltage limits	151...302 V adjustable 160...286 V
Network frequency	50/60 Hz +/- 3 Hz auto-sensing

Output

Main 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
Maximum configurable power in W	800 W
UPS type	Line interactive
Wave 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

Conformance

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

Environmental

Acoustic level	42 dBA
Heat dissipation	120 Btu/h
Operating altitude	0...10000 ft
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-15...45 °C
Storage altitude	0...15240 m
Relative humidity	0...95 %
Storage Relative Humidity	0...95 %

Communications & Management

Control panel	LED status display with load and battery bar-graphs and on line : on battery : replace battery : and overload indicators
Emergency power off	Optional
Free slots	1
Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays

Surge Protection and Filtering

Surge energy rate	320 J
Noise suppression	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	38.7 cm
Package 1 Width	59.1 cm
Package 1 Length	32 cm
Package 1 Weight	29.55 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	1806
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Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
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Packaging without single use plastic	No
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EU RoHS Directive	Compliant with Exemptions
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SCIP Number	B2b22a56-41f2-497e-9ea6-cf093b3b8bd3
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REACH Regulation	REACH Declaration
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Energy efficiency

Energy Efficiency Optimized	Energy efficient product
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Use Again

Repack and remanufacture

End of life manual availability	End of Life Information
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Removable battery	User replaceable
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Take-back	No
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WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
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Image of product / Alternate images

Alternative



