Product data sheet

Specifications



APC Smart-UPS X, Line Interactive, 1000VA, Rack/tower convertible 2U, 230V, 8x C13 IEC, SmartSlot, Extended runtime

SMX1000I

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.

Main

Main input voltage	230 V AC 1 phase
Input connection	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	8 IEC 320 C13 2 IEC Jumpers
Harmonic distortion	Less than 5 %
Maximum configurable power in VA	1000 VA
Maximum configurable power in W	800 W
UPS topology	Line interactive
Waveform type	Sine wave
Output frequency	50/60 Hz +/- 3 Hz sync to mains
Replacement battery	APCRBC116

Graphs

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph

Complementary

Battery type	Lead-acid internal included
Control panel	Multifunction LCD status and control console
Emergency power off	Yes
Free slot	1
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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UPS connectivity	Serial port USB port Available expansion slot
Surge energy rating	600 J
Noise filtering	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : meets UL 1449
Number of rack unit	2U
Cable length	1.8 m
Number of cables	1
Color	Black
Height	89 mm
Width	432 mm
Depth	490 mm
Product weight	22.86 kg
Mounting preference	Lower
Mounting mode	Rack-mounted with kit
Two post mountable	1
USB compatible	No
Mounting mode	Tower
Provided equipment	CD with software Documentation CD Installation guide Rack mounting brackets Removable support feet Smart UPS signalling RS-232 cable USB cable
Number of power modules	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 certification	CE CSA EAC RCM UK PSTI
Standard	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
Ambient air temperature for operation	0…45 °C
Ambient air temperature for storage	-15…45 °C
Storage altitude	0…15240 m
Relative humidity	0…95 %
Storage relative humidity	0…95 %

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Acoustic level	40 dBA
Heat dissipation	82 Btu/h
Operating altitude	0...10000 ft

Batteries & Runtime

Battery type	Lead-acid battery
Extendable runtime	0
Included battery module	0
Empty battery slot	0
Typical recharge time	3 h
RBC quantity	1
Overcurrent protection	60 A
Battery life	3…5 year(s)
Battery charging power	99 W rated

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	26.000 cm
Package 1 Width	59.000 cm
Package 1 Length	63.000 cm
Package 1 Weight	25.094 kg
Unit Type of Package 2	P12
Number of Units in Package 2	2
Package 2 Height	90.000 cm
Package 2 Width	80.000 cm
Package 2 Length	120.000 cm
Package 2 Weight	62.188 kg

Contractual warranty

Warranty (in months)	36 UPS|24 Battery

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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	**1 124 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**721 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**17 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**5 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**355 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**26 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**
EU RoHS Directive	Compliant By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold

Energy efficiency

Energy Efficiency Optimized	**Energy efficient product**

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

Recyclability potential, in %	**51**
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**

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Image of product / Alternate images

Alternative

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