

# SMX1000I

## APC Smart-UPS X 1000VA Rack/Tower LCD 230V



### 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 Ships within 2 Weeks

### General

Provided equipment	CD with software Documentation CD Installation guide Rack mounting brackets Removable support feet Smart UPS signalling RS-232 cable USB cable
Product web sub-family	Extended run
Performance multiplier	1
Number of tare power	7 W
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No
UPS size	S
Value multiplier	1

### Physical

Cable length	1.83 m
Number of rack unit	2U
Colour	Black
Depth	49 cm
Height	8.9 cm
Mounting preference	Lower

Net weight	22.86 kg
Mounting mode	Rack-mounted with kit
Two post mountable	1
USB compatible	No
Width	43.2 cm

## Input

Network frequency	50/60 Hz +/- 3 Hz auto-sensing
Plug standard	IEC 320 C14
Input voltage limits	151...302 V adjustable 160...286 V
Number of cables	1
Input voltage	230 V

## Output

Rated power in W	800 W
Maximum configurable power in W	800 W
Harmonic distortion	Less than 5 %
Output frequency	50/60 Hz +/- 3 Hz sync to mains
UPS type	Line interactive
Wave type	Sine wave
Nb of power socket outlets	8 IEC 320 C13 2 IEC Jumpers
Curve equation	Efficiency
Curve fixed loss	0.0131
Curve load maximum	100 %
Curve load minimum	2 %
Curve proportional loss	0.0031
Curve square loss	0.0021
Curve X-axis maximum	100 %
Curve test cond ID	Curve fit to measured efficiency data. All measurements taken in normal operating mode, at typical environmental conditions, with nominal electrical input and balanced PF = 0.8 output.
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
Output voltage	230 V
Maximum configurable power in VA	1000 VA
Rated power in VA	1000 VA

## Conformance

Product certifications	CE RCM VDE EAC
Standards	EN/IEC 62040-1 EN/IEC 62040-2

## Environmental

Ambient air temperature for operation	0...45 °C
Relative humidity	0...95 %
Operating altitude	0...10000 ft
Ambient air temperature for storage	-15...45 °C
Storage Relative Humidity	0...95 %
Storage altitude	0.00...15240.00 m
Acoustic level	40 dBA
Heat dissipation	82 Btu/h
Show note OP temperature	No

## Batteries & Runtime

Battery type	Lead-acid battery
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	3 h
Number of battery replacement quantity	1
Liquid value	0
Overcurrent protection	60 A
Battery curve	B
Battery charger power	99 W rated
Battery power in VAh	299 VAh runtime
Battery life	3...5 year(s)
Battery option	SMX48RMBP2U 1 900 VAh SMX48RMBP2U 2 1500 VAh SMX48RMBP2U 3 2100 VAh SMX48RMBP2U 4 2700 VAh SMX48RMBP2U 5 3300 VAh
Extended runtime	0

## Communications & Management

Free slots	1
Control panel	Multifunction LCD status and control console
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Emergency power off	Yes

## Surge Protection and Filtering

Surge energy rate	600 J
Noise suppression	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : meets UL 1449

## Packing Units

Package 1 Weight	27.32 kg
Package 1 Height	24.6 cm
Package 1 width	58.9 cm
Package 1 Length	62 cm
Number of Units in Package 3	8

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>

EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Optimized Energy Efficiency	Energy efficient product

### Contractual warranty

Warranty	3 years repair or replace (excluding battery) and 2 years for battery
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