Product data sheet
Characteristics

SMX1000I
APC Smart-UPS X, Line Interactive, 1000VA, Rack/tower convertible 2U, 230V, 8x C13 IEC, SmartSlot, Extended runtime



Overview

Presentation	Intelligent and efficient network power protection from entry level to scalable runtime. Ideal UPS

Main

Main Input Voltage	230 V AC 1 phase
Input Connection Type	IEC 60320 C14
Input voltage limits	151...302 V adjustable 160...286 V
Network 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 60320 C13 2 IEC Jumpers
Harmonic distortion	Less than 5 %
Maximum configurable power in VA	1000 VA
Maximum configurable power in W	800 W
UPS type	Line interactive
Wave type	Sine wave
Output frequency	50/60 Hz +/- 3 Hz sync to mains

Complementary

Battery type	Lead-acid internal included
Control panel	Multifunction LCD status and control console
Emergency power off	Yes
Free slots	1
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
UPS connectivity	Serial port USB port Available expansion slot
Surge energy rate	600 J
Noise suppression	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : r
Number of rack unit	2U
Cable length	1.8 M
Number of cables	1

Colour	Black
Height	89 Mm
Width	432 Mm
Depth	490 Mm
Net 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 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	CE[RETURN]CSA[RETURN]EAC[RETURN]RCM[RETURN]UK PSTI
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	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 %
Acoustic level	40 dBA
Heat dissipation	82 Btu/H
Operating altitude	0...10000 ft

Batteries & Runtime

Battery type	Lead-acid battery
Extended runtime	0
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	3 H
Number of battery replacement quantity	1
Overcurrent protection	60 A
Battery life	3…5 Year(S)
Battery charger 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

Offer Sustainability

Recyclability potential, in %	51
Total lifecycle Carbon footprint	1 124 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	720.7626527973
Carbon footprint of the manufacturing phase [A1 to A3]	721 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	17.2184707826
Carbon footprint of the distribution phase [A4]	17 kg CO2 eq.
Carbon footprint of the installation phase [A5]	5.0055354619
Carbon footprint of the installation phase [A5]	5 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	355.2066509636
Carbon footprint of the use phase [B2, B3, B4, B6]	355 kg CO2 eq.
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	26.2550909093
Carbon footprint of the end-of-life phase [C1 to C4]	26 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	1124
Average percentage of recycled plastic content	15 %
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
Energy Efficiency Optimized	Energy efficient product
End of life manual availability	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 a

Contractual warranty

Warranty (in months)	24 Battery|36 UPS

Product Life Status : Commercialised