Product data sheet
Characteristics

SMX1000C
APC Smart-UPS X, Line Interactive, 1000VA, Rack/tower convertible 2U, 120V, 8x 5-15R NEMA, SmartConnect port, Extended runtime



Overview

Lead time	Usually Ships within 2 Weeks

Main

Main Input Voltage	120 V
Main Output Voltage	120 V
Kw Rating	900 W
Rated power in VA	1000 VA
Input Connection Type	NEMA 5-15P
Nb of power socket outlets	8 NEMA 5-15R
Number of rack unit	2U
Cable length	8 ft (2.44 m)
Number of cables	1
Battery Type	Lead-Acid battery
Provided equipment	Installation guide Rack Mounting brackets Removable support feet Smart UPS signalling RS-232 cable USB cable Cat 5 ethernet cable

General

Number of power module filled slots	0
Number of power module free slots	0
Product web sub-family	Extended run
Redundant	No

Physical

Color	Black
Height	17.01 in (43.2 cm)
Width	3.50 in (8.9 cm)
Depth	19.29 in (49 cm)
Net Weight	50.40 lb(US) (22.86 kg)
Mounting preference	Lower
Mounting Mode	Rack-mounted with kit

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Two post mountable	1
USB compatible	Yes

Input

Maximum Input Current per Phase	12 A
Switching current capacity	15 A
Efficiency at full load	82...143 V
Input Frequency	50/60 Hz +/- 3 Hz auto-sensing

Output

Harmonic distortion	Less than 5%
Maximum configurable power in VA	1000 VA
Max Configurable Power (Watts)	900 W
Topology	Line Interactive
Waveform Type	Sine wave
Full load runtime	00:07:15 900 W
Half load runtime	00:19:48 450 W
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz sync to mains

Conformance

Product Certifications	CUL Listed ENERGY STAR V2.0 (USA)
Equipment protection policy	Lifetime : $150000
Standards	UL 1778

Environmental

Acoustic level	40 dBA
Heat dissipation	82 Btu/h
Operating altitude	0...10000 ft
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 (0.00…15240.00 m)
Relative Humidity	0…95 %
Storage Relative Humidity	0…95 %

Batteries & Runtime

Extendable Run Time	1
Included Battery Modules	0
Battery Slots Empty	0
Typical recharge time	3 h
RBC Quantity	1
DC Overcurrent Protection	60 A
Battery Life	3…5 ms
Battery power in VAH	257 VAh runtime
Battery Charge Power (Watts)	99 W rated
Battery option	SMX48RMBP2U 1 939 VAh SMX48RMBP2U 2 1624 VAh SMX48RMBP2U 3 2304 VAh SMX48RMBP2U 4 3000 VAh SMX48RMBP2U 5 3672 VAh

Communications & Management

Audible Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Control panel	Multi-function LCD status and control console
Emergency Power Off (EPO)	Yes
Free slots	1

Surge Protection and Filtering

Surge energy rating	600 J
Filtering	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : mee

Ordering and shipping details

GTIN	731304401124
Package weight(Lbs)	60.23 lb(US) (27.32 kg)

Packing Units

Package 1 Height	23.19 in (58.9 cm)
Package 1 width	9.69 in (24.6 cm)
Package 1 Length	24.41 in (62 cm)
Unit Type of Package 3	B

Offer Sustainability

EU RoHS Directive	Under investigation
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	3 years repair or replace for hardware. 2 years for battery, plus 1 additional year if customers registers device to SmartConnect