

Product data sheet

Specifications



APC Smart-UPS X, Line Interactive, 2000VA, Rack/tower convertible 4U, 100V-127V, 6x 5-15R+3x 5-20R+1x L5-20R NEMA, NMC, Extended runtime, Short depth

SMX2000LVNC

Overview

Lead time Usually in Stock

Main

Product or component type Uninterruptible power supply (UPS)

Complementary

Mounting mode Tower

UPS connectivity Serial port
USB port
Pre-installed network management card 3

Battery type Lead-acid internal included

Batteries & Runtime

Run Time [View Runtime Graph](#)

Efficiency [View Efficiency Graph](#)

Battery type Lead-acid battery

Extended runtime 1

Number of battery filled slots 1

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 [APCRBC143](#)

Battery charger power 229 W rated

General

Provided equipment CD with software
Documentation CD
Installation guide
Network management card
Rack mounting hardware
Rack mounting brackets
Rack mounting support rails
Smart UPS signalling RS-232 cable
USB cable

Number of power module 0

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

Number of power module filled slots	0
Number of power module free slots	0
product web sub-family	Network card pre-installed
Redundant	No

Physical

Number of rack unit	4U
Cable length	2.4 m
Number of cables	1
Colour	Black
Height	432 mm
Width	178 mm
Depth	483 mm
Net weight	38.64 kg
Mounting location	Front
Mounting preference	Lower
Mounting mode	Rack-mounted
Two post mountable	1
USB compatible	No

Input

Main Input Voltage	120 V AC 1 phase
Other Input Voltage	100 V 110 V 127 V
Input Connection Type	NEMA 5-20P
Input voltage limits	75...154 V adjustable 70...153 V
Network frequency	50/60 Hz +/- 3 Hz auto-sensing

Output

Main Output Voltage	120 V AC 1 phase
Other Output Voltage	100 V 110 V 127 V
Rated power in W	1800 W
Rated power in VA	1920 VA
output connection type	6 NEMA 5-15R 3 NEMA 5-20R 1 NEMA L5-20R
Harmonic distortion	Less than 5 %
Maximum configurable power in VA	1920 VA
Maximum configurable power in W	1800 W
Transfer time	4 ms typical : 8 ms maximum

UPS type	Line interactive
Wave type	Sine wave
Output frequency	50/60 Hz +/- 3 Hz sync to mains

Conformance

Product certifications	BSMI CSA NOM TÜV VCCI class A
Equipment protection policy	Lifetime : \$150000

Environmental

Acoustic level	55 dBA
Heat dissipation	203 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	Multifunction LCD status and control console
Free slots	0
Preinstalled device	Network management card 3 with environmental monitoring
Control panel	LED status display with on line : on battery : replace battery and overload indicators
Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays

Surge Protection and Filtering

Surge energy rate	540 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	33 cm
Package 1 Width	63.3 cm
Package 1 Length	58.6 cm
Package 1 Weight	47.73 kg
Pallet unit layers	2
Pallet layers	4

Contractual warranty

Warranty

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



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	2938
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Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
REACH Regulation	REACH Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Energy efficiency

Energy Efficiency Optimized	Energy efficient product
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Use Again

Repack and remanufacture

Removable battery	User replaceable
Take-back	No

Image of product / Alternate images

Alternative



