Product data sheet

Specifications

APC Smart-UPS X, Line Interactive, 2000VA, Rack/tower convertible 2U, 100V-127V, 3x 5-15R+3x 5-20R+1x L5-20R NEMA, SmartSlot, Extended runtime

SMX2000RMLV2U

Overview

Lead time	Usually Ships within 2 Weeks

Main

Product or component type	Uninterruptible power supply (UPS)

Complementary

Communication port type	SmartSlot

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Battery type	Lead-acid battery
Extended runtime	1
Number of battery filled slots	0
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	APCRBC117
Battery charger power	229 W rated

General

Provided equipment	CD with software Documentation CD Installation guide Rack mounting hardware Rack mounting brackets Rack mounting support rails 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

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

product web sub-family	Extended run
Redundant	No

Physical

Number of rack unit	2U
Cable length	2.4 m
Number of cables	1
Colour	Black
Height	8.5 cm
Width	43.2 cm
Depth	66.7 cm
Net weight	38.45 kg
Mounting location	Front
Mounting preference	Lower
Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	Yes

Input

Main Input Voltage	120 V
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
Other Output Voltage	100 V 110 V 127 V
Rated power in W	1800 W
rated power in VA	1920 VA
output connection type	3 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	2-4 ms 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
Emergency power off	Yes
Free slots	1
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	24.3 cm
Package 1 Width	86.9 cm
Package 1 Length	59.6 cm
Package 1 Weight	45.36 kg
Pallet unit layers	2
Pallet layers	4

Contractual warranty

Warranty	3 years repair or replace (excluding battery) and 2 years for battery, optional on-site warranties available, optional extended warranties available

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	3357
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 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

Use Again

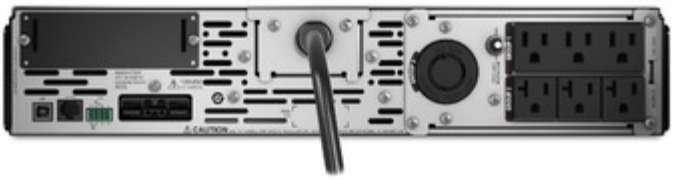
Repack and remanufacture

End of life manual availability	End of Life Information
Removable battery	User replaceable
Take-back	No

Technical Illustration

Dimensions

Image of product / Alternate images

Alternative

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