

# 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

**Product availability: Non-Stock - Not normally stocked in distribution facility**

## Overview

Lead time Usually Ships within 2 Weeks

## Main

Main Input Voltage 120 V AC 1 phase

Other Input Voltages 100 V  
110 V  
127 V

Input Connection Type NEMA 5-20P

Efficiency at full load 75...154 V adjustable  
70...153 V

Input Frequency 50/60 Hz +/- 3 Hz auto-sensing

Output voltage 120 V AC 1 phase

Other Output Voltages 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

Max Configurable Power (Watts) 1800 W

Transfer Time 2-4 ms  
4ms typical : 8ms maximum

Topology Line Interactive

Waveform Type Sine wave

Output frequency 50/60 Hz +/- 3 Hz sync to mains

Replacement battery [APCRBC117](#)

## Graphs

Run Time [View Runtime Graph](#)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

## Complementary

<b>Battery Size</b>	Lead-acid internal included
<b>Control panel</b>	Multi-function LCD status and control console
<b>Emergency Power Off (EPO)</b>	Yes
<b>Free slots</b>	1
<b>Control panel</b>	LED status display with on line : on battery : replace battery and overload indicators
<b>Alarm</b>	Alarm when on battery : distinctive low battery alarm : configurable delays
<b>UPS connectivity</b>	Serial port USB port Available expansion slot
<b>Surge energy rating</b>	540 J
<b>Filtering</b>	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m
<b>Number of rack unit</b>	2U
<b>Cable length</b>	8 ft (2.4 m)
<b>Number of cables</b>	1
<b>color</b>	Black
<b>Height</b>	3.3 in (85 mm)
<b>Width</b>	17.008 in (432 mm)
<b>Depth</b>	26.3 in (667 mm)
<b>Product Weight</b>	84.77 lb(US) (38.45 kg)
<b>Mounting Location</b>	Front
<b>Mounting preference</b>	Lower
<b>Mounting Mode</b>	Rack-mounted
<b>Two post mountable</b>	0
<b>USB compatible</b>	Yes
<b>Mounting mode</b>	Rack-mounted with included kit
<b>Provided equipment</b>	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
<b>Number of power module</b>	0
<b>Number of power module filled slots</b>	0
<b>Number of power module free slots</b>	0
<b>Additional specification</b>	Extended run
<b>Redundant</b>	No
<b>Range of Product</b>	Smart-UPS
<b>Product or Component Type</b>	Uninterruptible power supply (UPS)

## Environment

Product Certifications	BSMI CSA NOM TÜV VCCI Class A
Equipment protection policy	Lifetime : \$150000
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...15240 m)
Relative Humidity	0...95 %
Storage Relative Humidity	0...95 %
Acoustic level	55 dBA
Online Thermal Dissipation	203 Btu/h
Operating altitude	0...10000 ft

## Batteries & Runtime

Battery Type	Lead-Acid battery
Extendable Run Time	1
Included Battery Modules	0
Battery Slots Empty	0
Typical recharge time	3 h
RBC Quantity	1
Battery Life	3...5 year(s)
Battery Charge Power (Watts)	229 W rated

## Ordering and shipping details

Category	11309-APC RESALE PRODUCTS
Discount Schedule	APC1
GTIN	731304268536
Returnability	No
Country of origin	PH

## Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	9.6 in (24.3 cm)
Package 1 Width	34.2 in (86.9 cm)
Package 1 Length	23.5 in (59.6 cm)
Package weight(Lbs)	100.002 lb(US) (45.36 kg)
Pallet unit layers	2
Pallet layers	4

## Contractual warranty

---

Warranty (in months)

24 Battery|36 UPS



## 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	2 867 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	1 498 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	18 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	1 348 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	4 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Use Better



### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	<a href="#">Compliant By Exemption</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>
California proposition 65	<b>WARNING:</b> 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>



### Energy efficiency

Optimized Energy Efficiency	Energy efficient product
-----------------------------	--------------------------

## Use Longer



### Lifetime extension

Repair	No
--------	----

## Use Again



### Repack and remanufacture

Recyclability potential, in %	58
Circularity Profile	<a href="#">End of Life Information</a>
Removable battery	User replaceable
Take-back	Yes

Technical Illustration

Dimensions

---



Offer Marketing Illustration

Product benefits / Features

---

**Peace of mind at home or office with  
PowerChute™ Serial Shutdown Software**

UPS management, graceful shutdown, and  
energy management software for:



Desktops



Servers



Workstations



Offer Marketing Illustration

Product benefits / Features

---

Keep your critical applications running when you need them the most

The image is a composite graphic. On the left, a black Schneider Electric SMX2000RMLV2U UPS unit is shown against a background of white dots and wavy lines. To the right, there is a 2x2 grid of photographs. The top-left photo shows a nurse in a pink uniform attending to a patient, with a green label 'Healthcare' below it. The top-right photo shows a man in a plaid shirt looking at a laptop in a server room, with a green label 'Government' below it. The bottom-left photo shows a teacher and two young students in a classroom, with a green label 'Education' below it. The bottom-right photo shows a woman in a black dress working at a retail counter, with a green label 'Retail' below it.

Offer Marketing Illustration

Product benefits / Features

---

**Extended Runtime**

Supports up to 10 external battery packs.

Estimated battery runtime at half load



Offer Marketing Illustration

Product benefits / Features

---



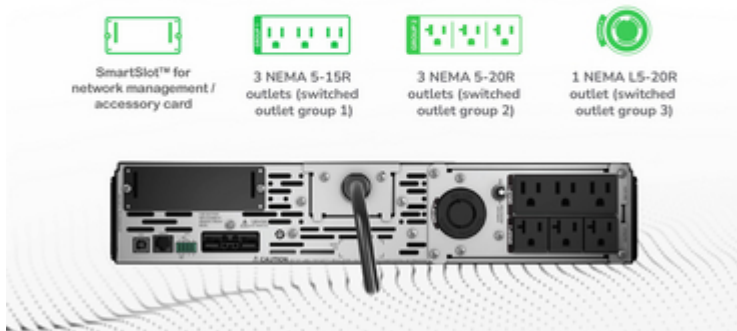
Offer Marketing Illustration

Product benefits / Features

---

### Communication Ports and Outlets

Advanced monitoring and management capabilities with numerous outlets to power and protect all your sensitive devices.



Offer Marketing Illustration

Product benefits / Features

---

### Premium Power Protection

Maintain business operations, customer satisfaction, and revenue by mitigating power and voltage disruptions.



1920VA / 1800W  
Battery backup



Pure sine  
wave power



97.7%  
Energy efficiency



Offer Marketing Illustration

Product benefits / Features

---



**Peace of Mind**  
Ensure that your equipment remains powered, protected and available in any scenario.

**3-year**  
Warranty on  
UPS

**2-year**  
Warranty on  
Battery

Offer Marketing Illustration

Product benefits / Features

---

**Installation Flexibility**

The SMX series is rack/tower convertible based on your evolving business needs.



Image of product / Alternate images

Alternative

---





