

Product data sheet

Specifications



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

SMX2000LVNCUS

Overview

Lead time Usually in Stock

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 6 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 4ms typical : 8ms maximum

Topology Line Interactive

Waveform Type Sine wave

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

Replacement battery [APCRBC143US](#)

Graphs

Run Time [View Runtime Graph](#)

Efficiency [View Efficiency Graph](#)

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

Complementary

Battery Size	Lead-acid internal included
Control panel	Multi-function LCD status and control console
Free slots	0
Pre-Installed SmartSlot Cards	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
UPS connectivity	Serial port USB port Pre-installed network management card 3
Surge energy rating	540 J
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m
Number of rack unit	4U
Cable length	8 ft (2.4 m)
Number of cables	1
color	Black
Height	17.008 in (432 mm)
Width	7.008 in (178 mm)
Depth	19.02 in (483 mm)
Product Weight	85.19 lb(US) (38.64 kg)
Mounting Location	Front
Mounting preference	Lower
Mounting Mode	Rack-mounted
Two post mountable	1
USB compatible	No
Mounting mode	Tower
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
Number of power module filled slots	0
Number of power module free slots	0
Additional specification	TAA compliance
Redundant	No
Range of Product	Smart-UPS
Product or Component Type	Uninterruptible power supply (UPS)

Environment

Product Certifications	BSMI CSA NOM TAA compliance 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	1
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

GTIN	731304339144
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	13.0 in (33 cm)
Package 1 Width	24.9 in (63.3 cm)
Package 1 Length	23.07 in (58.6 cm)
Package weight(Lbs)	105.23 lb(US) (47.73 kg)
Pallet unit layers	2
Pallet layers	4

Compliance

Compliance	TAA Compliant
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Contractual warranty

Warranty (in months)

36 UPS|24 Battery



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	2 938 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	1 543 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]	1 372 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	4 kg CO2 eq.

Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Energy efficiency

Optimized Energy Efficiency	Energy efficient product
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Use Longer

Lifetime extension

Repair	No
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Use Again

Repack and remanufacture

Circularity Profile	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 and never end up in rubbish bins.

Image of product / Alternate images

Alternative



