

Product data sheet

Specifications



APC Smart-UPS X, Line Interactive, 2000VA, Rack/tower convertible 2U, 120V, 3x 5-15R+3x 5-20R+1x L5-20R NEMA, Network card, Extended runtime, TAA

SMX2KRMLVNCUS

Overview

Lead Time	Usually in Stock
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Main

Main Input Voltage	120 V
Other Input Voltage	100 V 110 V 127 V
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
Input Connection Type	NEMA 5-20P
Nb Of Power Socket Outlets	3 NEMA 5-15R 3 NEMA 5-20R 1 NEMA L5-20R
Number Of Rack Unit	2U
Cable Length	2.44 m
Number Of Cables	1
Battery Type	Lead-acid battery
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

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Extended Runtime	1
Number Of Battery Filled Slots	1
Number Of Battery 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

Battery Recharge Time	3 h
Battery Life	3...5 year(s)
Replacement Battery	APCRBC117US 
Battery Power In VAh	690 VAh runtime
Battery Charger Power	229 W rated
Battery Option	SMX120RMBP2U 1 2070 VAh SMX120RMBP2U 2 3450 VAh SMX120RMBP2U 3 4830 VAh SMX120RMBP2U 4 6210 VAh SMX120RMBP2U 6 8970 VAh SMX120RMBP2U 8 11730 VAh SMX120RMBP2U 10 14490 VAh

General

Number Of Power Module Filled Slots	0
Number Of Power Module Free Slots	0
Product Web Sub-Family	TAA Compliant
Redundant	No

Physical

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	No

Input

Input Voltage Limits	75...154 V adjustable 70...153 V
Network Frequency	50/60 Hz +/- 3 Hz auto-sensing

Output

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 TAA compliance TÜV VCCI class A
Equipment Protection Policy	Lifetime : \$150000
Standards	EN 50091-2 EN 55022 class A FCC part 15 class A UL 1778

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	0.00...15240.00 m
Relative Humidity	0...95 %
Storage Relative Humidity	0...95 %

Communications & Management

Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Control Panel	LED status display with on line : on battery : replace battery and overload indicators Multifunction LCD status and control console
Free Slots	0
Preinstalled Device	Network management card 2 with environmental monitoring

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

Package 1 Weight	45.36 kg
Package 1 Height	24.3 cm
Package 1 Width	59.6 cm
Package 1 Length	86.9 cm
Number Of Units In Package 3	8
Package 3 Weight	388.69 kg
Package 3 Length	100 cm
Pallet Unit Layers	2
Pallet Layers	4

Contractual warranty

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

Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. **Green Premium** promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low- products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Energy Efficient Take-back Transparency RoHS/REACH

Resource performance

✓ Energy Efficient Product

✓ Take-Back Program Available

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant
[EU RoHS Declaration](#)

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)