

# Product data sheet

Specifications



APC Smart-UPS X, Line Interactive, 2200VA, Rack/tower convertible 4U, 208V-230V, 8x C13+2x C19 IEC, Network card, Extended runtime, Short depth

SMX2200HVNC

## Overview

<b>Presentation</b>	Intelligent and efficient network power protection from entry level to scalable runtime. Ideal UPS for servers, point-of-sale, routers, switches, hubs and other network devices.
<b>Lead time</b>	Usually in Stock

## Main

<b>Main Input Voltage</b>	208 V 230 V
<b>Other Input Voltage</b>	220 V 240 V
<b>Main Output Voltage</b>	208 V 230 V
<b>Other Output Voltage</b>	208 V 220 V 240 V
<b>Rated power in W</b>	1980 W
<b>Rated power in VA</b>	2200 VA
<b>Input Connection Type</b>	BS1363A British IEC 320 C20 Schuko CEE 7 / EU1-16P
<b>Output connection type</b>	8 IEC 320 C13 2 IEC Jumpers 2 IEC 320 C19
<b>Number of rack unit</b>	4U
<b>Cable length</b>	2.00 m
<b>Number of cables</b>	1
<b>Battery type</b>	Lead-acid battery
<b>Provided equipment</b>	CD with software Documentation CD Installation guide Rack mounting support rails Smart UPS signalling RS-232 cable Temperature probe USB cable Web/SNMP management card

## General

<b>Number of power module filled slots</b>	0
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Number of power module free slots	0
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Redundant	No
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## Physical

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Colour	Black
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Height	43.2 cm
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Width	17.8 cm
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Depth	48.3 cm
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Net weight	38.56 kg
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Mounting location	Front
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Mounting preference	Lower
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Mounting mode	Rack-mounted
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Two post mountable	1
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USB compatible	Yes
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## Input

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Input voltage limits	140...280 V
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Network frequency	50/60 Hz +/- 3 Hz auto-sensing
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## Output

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Harmonic distortion	Less than 5 %
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Maximum configurable power in VA	2200 VA
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Maximum configurable power in W	1980 W
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Transfer time	6 ms typical : 10 ms maximum
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UPS type	Line interactive
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Wave type	Sine wave
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Output frequency	50/60 Hz +/- 3 Hz sync to mains
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## Conformance

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Product certifications	CE CSA EAC IRAM RCM VDE
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Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
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## Environmental

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Acoustic level	55 dBA
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Heat dissipation	150 Btu/h
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Operating altitude	0...10000 ft
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Ambient air temperature for operation	0...40 °C
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Ambient air temperature for storage	-15...45 °C
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Storage altitude	0.00...15240.00 m
Relative humidity	0...95 %
Storage Relative Humidity	0...95 %

## Batteries & Runtime

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	<a href="#">APCRBC143</a> 
Battery power in VAh	702 VAh runtime
Battery charger power	233 W rated
Battery option	SMX120BP 1 2106 VAh SMX120BP 2 3510 VAh SMX120BP 3 4914 VAh SMX120BP 4 6318 VAh SMX120BP 6 9126 VAh SMX120BP 8 11934 VAh SMX120BP 10 14742 VAh

## Communications & Management

Control panel	Multifunction LCD status and control console
Emergency power off	Yes
Preinstalled device	Network management card 2 with environmental monitoring 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	645 J
Noise suppression	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : meets UL 1449

## Packing Units

Unit Type of Package 1	Db
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	47.63 kg
Pallet unit layers	2
Pallet layers	4

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant

[EU RoHS Declaration](#)

<b>Lead free</b>	Yes
<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>Circularity Profile</b>	<a href="#">End of Life Information</a>
<b>Optimized Energy Efficiency</b>	Energy efficient product
<b>Take-back</b>	Take-back program available

**Contractual warranty**

<b>Warranty</b>	3 years repair or replace (excluding battery) and 2 years for battery
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**Recommended replacement(s)**