

# Product data sheet

Specifications



APC Smart-UPS X, Line Interactive, 2200VA, Rack/tower convertible 2U, 208V-230V, 8x C13+1x C19 IEC, Network card, Extended runtime

SMX2200R2HVNC

## Overview

**Presentation** 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.

**Lead time** Usually in Stock

## Main

**Main Input Voltage** 208 V AC 1 phase  
230 V AC 1 phase

**Other Input Voltages** 220 V  
240 V

**Input Connection Type** BS1363A British  
IEC 320 C20  
Schuko CEE 7 / EU1-16P

**Efficiency at full load** 140...280 V

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

**Output voltage** 208 V AC 1 phase  
230 V AC 1 phase

**Other Output Voltages** 220 V  
240 V

**Rated power in W** 1980 W

**rated power in VA** 2200 VA

**output connection type** 8 IEC 320 C13  
2 IEC Jumpers  
1 IEC 320 C19

**Harmonic distortion** Less than 5%

**Maximum configurable power in VA** 2200 VA

**Max Configurable Power (Watts)** 1980 W

**Transfer Time** 6ms typical : 10ms 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>	LED status display with load and battery bar-graphs and On Line : On Battery : Replace Battery : and Overload Indicators Multi-function LCD status and control console
<b>Emergency Power Off (EPO)</b>	Yes
<b>Pre-Installed SmartSlot Cards</b>	Network management card 3 with environmental monitoring
<b>Alarm</b>	Alarm when on battery : distinctive low battery alarm : configurable delays
<b>Software compatibility</b>	IT Expert Secure NMC System PowerChute Network Shutdown Data Centre Expert PowerChute Serial Shutdown
<b>UPS connectivity</b>	Serial port USB port Pre-installed network management card 3
<b>Surge energy rating</b>	645 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>	6 ft (1.8 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>	82.10 lb(US) (37.24 kg)
<b>Mounting Location</b>	Front
<b>Mounting preference</b>	Lower
<b>Mounting Mode</b>	Not rack-mountable
<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 Network Management Card Rack Mounting support rails Smart UPS signalling RS-232 cable Temperature Probe 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	CE EAC IRAM RCM TISI VDE UK PSTI
Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
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	150 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)	233 W rated

## Ordering and shipping details

GTIN	731304327738
Country of origin	PH

## Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	9.567 in (24.300 cm)
Package 1 Width	34.213 in (86.900 cm)
Package 1 Length	23.465 in (59.600 cm)
Package weight(Lbs)	99.781 lb(US) (45.260 kg)
Unit Type of Package 2	PAM
Number of Units in Package 2	2
Package 2 Height	35.433 in (90.000 cm)
Package 2 Width	39.370 in (100.000 cm)

<b>Package 2 Length</b>	47.244 in (120.000 cm)
<b>Package 2 Weight</b>	228.227 lb(US) (103.522 kg)
<b>Pallet unit layers</b>	2
<b>Pallet layers</b>	4

## Contractual warranty

<b>Warranty (in months)</b>	36 UPS 24 Battery
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## 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	3 167 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	1 474 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	17 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	1 671 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
SCIP Number	0637234b-27c7-4e32-ae29-543dd4803a99
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>

## Use Longer




### Lifetime extension

Repair	No
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## 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
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.



Offer Marketing Illustration

Product benefits / Features

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Get the most out of your UPS with

# EcoStruxure™ IT

- Improved Hardware Protection
- Monitor and Manage
- Environmental Monitoring
- Asset Management
- Predictive Maintenance
- Load Optimization
- Compliance and Reporting

Offer Marketing Illustration

Product benefits / Features

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Image of product / Alternate images

Alternative

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