# Product data sheet

Specifications

Green Premium™

## 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<br>230 V |
| **Other Input Voltage** | 220 V<br>240 V |
| **Main Output Voltage** | 208 V<br>230 V |
| **Other Output Voltage** | 220 V<br>240 V |
| **Kw Rating** | 1980 W |
| **Rated power in VA** | 2200 VA |
| **Product or Component Type** | Uninterruptible power supply (UPS) |
| **Input Connection Type** | BS1363A British<br>IEC 320 C20<br>Schuko CEE 7 / EU1-16P |
| **output connection type** | 8 IEC 320 C13<br>2 IEC Jumpers<br>1 IEC 320 C19 |
| **number of rack unit** | 2U |
| **Cable length** | 6 ft (1.8 m) |
| **Number of cables** | 1 |
| **Battery Type** | Lead-Acid battery |
| **Provided equipment** | CD with software<br>Documentation CD<br>Installation guide<br>Network Management Card<br>Rack Mounting support rails<br>Smart UPS signalling RS-232 cable<br>Temperature Probe<br>USB cable |
| **Range of Product** | Smart-UPS |

## Batteries & Runtime

| | |
|---|---|
| **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.

| | |
|---|---|
| **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) |
| **Replacement battery** | APCRBC117 ↗ |
| **Battery Charge Power (Watts)** | 233 W rated |

## General

| | |
|---|---|
| **Number of power module filled slots** | 0 |
| **Number of power module free slots** | 0 |
| **product web sub-family** | Extended run |
| **Redundant** | No |

## Physical

| | |
|---|---|
| **color** | Black |
| **Height** | 3.3 in (8.5 cm) |
| **Width** | 17.008 in (43.2 cm) |
| **Depth** | 26.3 in (66.7 cm) |
| **Net Weight** | 82.10 lb(US) (37.24 kg) |
| **Mounting Location** | Front |
| **Mounting preference** | Lower |
| **Mounting Mode** | Not rack-mountable |
| **Two post mountable** | 0 |
| **USB compatible** | Yes |

## Input

| | |
|---|---|
| **Efficiency at full load** | 140...280 V |
| **Input Frequency** | 50/60 Hz +/- 3 Hz auto-sensing |

## Output

| | |
|---|---|
| **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 (sync to mains)** | 50/60 Hz +/- 3 Hz sync to mains |

## Conformance

Life Is On | Schneider Electric

| Product Certifications | CE<br>EAC<br>IRAM<br>RCM<br>TISI<br>VDE<br>UK PSTI |
|---|---|
| Standards | EN/IEC 62040-1:2019/A11:2021<br>EN/IEC 62040-2:2006/AC:2006<br>EN/IEC 62040-2:2018 |

## Environmental

| | |
|---|---|
| Acoustic level | 55 dBA |
| Online Thermal Dissipation | 150 Btu/h |
| Operating altitude | 0...10000 ft |
| 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 (0.0000000000…15240.0000000000 m) |
| Relative Humidity | 0…95 % |
| Storage Relative Humidity | 0…95 % |

## Communications & Management

| | |
|---|---|
| Control panel | LED status display with load and battery bar-graphs and On Line : On Battery : Replace Battery : and Overload Indicators<br>Multi-function LCD status and control console |
| Emergency Power Off (EPO) | Yes |
| Pre-Installed SmartSlot™ Cards | Network management card 3 with environmental monitoring |
| Alarm | Alarm when on battery : distinctive low battery alarm : configurable delays |

## Surge Protection and Filtering

| | |
|---|---|
| Surge energy rating | 645 J |
| Filtering | Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m |

## Ordering and shipping details

| | |
|---|---|
| GTIN | 731304327738 |
| Country of origin | PH |

## Packing Units

| | |
|---|---|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 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 1 Weight | 99.78 lb(US) (45.26 kg) |
| Package 3 Weight | 855.13 lb(US) (387.88 kg) |
| Pallet unit layers | 2 |

| **Pallet layers** | 4 |

# Contractual warranty

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

# Sustainability ![Green Premium™]

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

Learn more about Green Premium ›

Guide to assess a product's sustainability ›

| Energy Efficient | Take-back | Transparency | RoHS/REACh |
| --- | --- | --- | --- |

## Resource performance

✓ Energy Efficient Product

✓ Take-Back Program Available

## Well-being performance

✓ Lead Free

✓ Mercury Free

✓ Rohs Exemption Information      Yes

## Certifications & Standards

**Reach Regulation**      REACh Declaration

**Eu Rohs Directive**      Compliant with Exemptions

**Environmental Disclosure**      Product Environmental Profile

**Circularity Profile**      End of Life Information

**California Proposition 65**      WARNING: 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 www.P65Warnings.ca.gov