

# Product datasheet

Specifications



## APC Smart-UPS X, Line Interactive, 1000VA, Rack/tower convertible 2U, 230V, 8x C13 IEC, SmartSlot, Extended runtime

SMX1000I

### 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. |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Main

|                                  |                                       |
|----------------------------------|---------------------------------------|
| Main input voltage               | 230 V AC 1 phase                      |
| Input connection                 | IEC 60320 C14                         |
| Efficiency at full load          | 151...302 V adjustable<br>160...286 V |
| Input frequency                  | 50/60 Hz +/- 3 Hz auto-sensing        |
| Output voltage                   | 230 V AC 1 phase                      |
| Rated power in W                 | 800 W                                 |
| Rated power in VA                | 1000 VA                               |
| Output connection                | 8 IEC 60320 C13<br>2 IEC Jumpers      |
| Harmonic distortion              | Less than 5 %                         |
| Maximum configurable power in VA | 1000 VA                               |
| Maximum configurable power in W  | 800 W                                 |
| UPS topology                     | Line interactive                      |
| Waveform type                    | Sine wave                             |
| Output frequency                 | 50/60 Hz +/- 3 Hz sync to mains       |
| Replacement battery              | <a href="#">APCRBC116</a>             |

### Graphs

|            |                                       |
|------------|---------------------------------------|
| Run Time   | <a href="#">View Runtime Graph</a>    |
| Efficiency | <a href="#">View Efficiency Graph</a> |

### Complementary

|                     |                                                                                        |
|---------------------|----------------------------------------------------------------------------------------|
| Battery type        | Lead-acid internal included                                                            |
| Control panel       | Multifunction LCD status and control console                                           |
| Emergency power off | Yes                                                                                    |
| Free slot           | 1                                                                                      |
| Alarm               | Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm |

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

|                                     |                                                                                                                                                                  |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UPS connectivity                    | Serial port<br>USB port<br>Available expansion slot                                                                                                              |
| Surge energy rating                 | 600 J                                                                                                                                                            |
| Noise filtering                     | Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping<br>response time : meets UL 1449                                                |
| Number of rack unit                 | 2U                                                                                                                                                               |
| Cable length                        | 1.8 m                                                                                                                                                            |
| Number of cables                    | 1                                                                                                                                                                |
| Color                               | Black                                                                                                                                                            |
| Height                              | 89 mm                                                                                                                                                            |
| Width                               | 432 mm                                                                                                                                                           |
| Depth                               | 490 mm                                                                                                                                                           |
| Product weight                      | 22.86 kg                                                                                                                                                         |
| Mounting preference                 | Lower                                                                                                                                                            |
| Mounting mode                       | Rack-mounted with kit                                                                                                                                            |
| Two post mountable                  | 1                                                                                                                                                                |
| USB compatible                      | No                                                                                                                                                               |
| Mounting mode                       | Tower                                                                                                                                                            |
| Provided equipment                  | CD with software<br>Documentation CD<br>Installation guide<br>Rack mounting brackets<br>Removable support feet<br>Smart UPS signalling RS-232 cable<br>USB cable |
| Number of power modules             | 0                                                                                                                                                                |
| Number of power module filled slots | 0                                                                                                                                                                |
| Number of power module free slots   | 0                                                                                                                                                                |
| Additional specification            | Extended run                                                                                                                                                     |
| Redundant                           | No                                                                                                                                                               |
| Range of product                    | Smart-UPS                                                                                                                                                        |
| Product or component type           | Uninterruptible power supply (UPS)                                                                                                                               |

## Environment

|                                       |                                                                                    |
|---------------------------------------|------------------------------------------------------------------------------------|
| Product certification                 | CE<br>CSA<br>EAC<br>RCM<br>UK PSTI                                                 |
| Standard                              | EN/IEC 62040-1:2019/A11:2021<br>EN/IEC 62040-2:2006/AC:2006<br>EN/IEC 62040-2:2018 |
| Ambient air temperature for operation | 0...45 °C                                                                          |
| Ambient air temperature for storage   | -15...45 °C                                                                        |
| Storage altitude                      | 0...15240 m                                                                        |
| Relative humidity                     | 0...95 %                                                                           |
| Storage relative humidity             | 0...95 %                                                                           |

|                    |              |
|--------------------|--------------|
| Acoustic level     | 40 dBA       |
| Heat dissipation   | 82 Btu/h     |
| Operating altitude | 0...10000 ft |

## Batteries & Runtime

|                         |                   |
|-------------------------|-------------------|
| Battery type            | Lead-acid battery |
| Extendable runtime      | 0                 |
| Included battery module | 0                 |
| Empty battery slot      | 0                 |
| Typical recharge time   | 3 h               |
| RBC quantity            | 1                 |
| Overcurrent protection  | 60 A              |
| Battery life            | 3...5 year(s)     |
| Battery charging power  | 99 W rated        |

## Packing Units

|                              |            |
|------------------------------|------------|
| Unit Type of Package 1       | PCE        |
| Number of Units in Package 1 | 1          |
| Package 1 Height             | 26.000 cm  |
| Package 1 Width              | 59.000 cm  |
| Package 1 Length             | 63.000 cm  |
| Package 1 Weight             | 25.094 kg  |
| Unit Type of Package 2       | P12        |
| Number of Units in Package 2 | 2          |
| Package 2 Height             | 90.000 cm  |
| Package 2 Width              | 80.000 cm  |
| Package 2 Length             | 120.000 cm |
| Package 2 Weight             | 62.188 kg  |

## 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                       | 1 124 kg CO2 eq.                              |
| Carbon footprint of the manufacturing phase [A1 to A3] | 721 kg CO2 eq.                                |
| Carbon footprint of the distribution phase [A4]        | 17 kg CO2 eq.                                 |
| Carbon footprint of the installation phase [A5]        | 5 kg CO2 eq.                                  |
| Carbon footprint of the use phase [B2, B3, B4, B6]     | 355 kg CO2 eq.                                |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 26 kg CO2 eq.                                 |
| Environmental Disclosure                               | <a href="#">Product Environmental Profile</a> |

## Use Better



### Materials and Substances

|                                                |                                                                                        |
|------------------------------------------------|----------------------------------------------------------------------------------------|
| Average percentage of recycled plastic content | 15 %                                                                                   |
| Packaging made with recycled cardboard         | Yes                                                                                    |
| Packaging without single use plastic           | No                                                                                     |
| EU RoHS Directive                              | <a href="#">Compliant By Exemption</a>                                                 |
| REACH Regulation                               | <a href="#">Reference contains Substances of Very High Concern above the threshold</a> |



### Energy efficiency

|                             |                          |
|-----------------------------|--------------------------|
| Energy Efficiency Optimized | Energy efficient product |
|-----------------------------|--------------------------|

## Use Again



### Repack and remanufacture

|                                 |                                                                                                                                                                                                                 |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recyclability potential, in %   | 51                                                                                                                                                                                                              |
| End of life manual availability | <a href="#">End of Life Information</a>                                                                                                                                                                         |
| Removable battery               | User replaceable                                                                                                                                                                                                |
| Take-back                       | No                                                                                                                                                                                                              |
| 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

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