

# SMX2000LVNC

APC Smart-UPS X, Line Interactive, 2000VA,  
Rack/tower convertible 4U, 100V-127V, 6x  
5-15R+3x 5-20R+1x L5-20R NEMA, NMC,  
Extended runtime, Short depth



## Overview

Lead time Usually in Stock



## Main

|                           |                                                                                                                                                                                                                            |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Main Input Voltage        | 120 V                                                                                                                                                                                                                      |
| Other Input Voltage       | 100 V<br>110 V<br>127 V                                                                                                                                                                                                    |
| Main Output Voltage       | 120 V                                                                                                                                                                                                                      |
| Other Output Voltage      | 100 V<br>110 V<br>127 V                                                                                                                                                                                                    |
| Kw Rating                 | 1800 W                                                                                                                                                                                                                     |
| Rated power in VA         | 1920 VA                                                                                                                                                                                                                    |
| Product or Component Type | Uninterruptible power supply (UPS)                                                                                                                                                                                         |
| Input Connection Type     | NEMA 5-20P                                                                                                                                                                                                                 |
| Output connection type    | 6 NEMA 5-15R<br>3 NEMA 5-20R<br>1 NEMA L5-20R                                                                                                                                                                              |
| Number of rack unit       | 4U                                                                                                                                                                                                                         |
| Cable length              | 8 ft (2.4 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 hardware<br>Rack Mounting brackets<br>Rack Mounting support rails<br>Smart UPS signalling RS-232 cable<br>USB cable |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Batteries & Runtime

|                              |               |
|------------------------------|---------------|
| Extendable Run Time          | 1             |
| Included Battery Modules     | 1             |
| Battery Slots Empty          | 0             |
| Typical recharge time        | 3 h           |
| RBC Quantity                 | 1             |
| Battery Life                 | 3...5 year(s) |
| Battery Charge Power (Watts) | 229 W rated   |

## General

|                                     |                            |
|-------------------------------------|----------------------------|
| Number of power module filled slots | 0                          |
| Number of power module free slots   | 0                          |
| Product web sub-family              | Network card pre-installed |
| Redundant                           | No                         |

## Physical

|                     |                         |
|---------------------|-------------------------|
| Color               | Black                   |
| Height              | 17.008 in (43.2 cm)     |
| Width               | 7.008 in (17.8 cm)      |
| Depth               | 19.02 in (48.3 cm)      |
| Net Weight          | 85.19 lb(US) (38.64 kg) |
| Mounting location   | Front                   |
| Mounting preference | Lower                   |
| Mounting Mode       | Rack-mounted            |
| Two post mountable  | 1                       |
| USB compatible      | No                      |

## Input

|                         |                                     |
|-------------------------|-------------------------------------|
| Efficiency at full load | 75...154 V adjustable<br>70...153 V |
| Input Frequency         | 50/60 Hz +/- 3 Hz auto-sensing      |

## Output

|                                  |                                 |
|----------------------------------|---------------------------------|
| Harmonic distortion              | Less than 5%                    |
| Maximum configurable power in VA | 1920 VA                         |
| Max Configurable Power (Watts)   | 1800 W                          |
| Transfer Time                    | 4ms typical : 8ms maximum       |
| Topology                         | Line Interactive                |
| Wave type                        | Sine wave                       |
| Output Frequency (sync to mains) | 50/60 Hz +/- 3 Hz sync to mains |

## Conformance

|                             |                                                          |
|-----------------------------|----------------------------------------------------------|
| Product Certifications      | BSM[RETURN]CSA[RETURN]NOM[RETURN]TÜV[RETURN]VCCI Class A |
| Equipment protection policy | Lifetime : \$150000                                      |

## Environmental

|                                       |                                                  |
|---------------------------------------|--------------------------------------------------|
| Acoustic level                        | 55 dBA                                           |
| Heat dissipation                      | 203 Btu/h                                        |
| Operating altitude                    | 0...10000 ft                                     |
| Ambient Air Temperature for Operation | 32.0000000000...104.0000000000 °F (0...40 °C)    |
| Ambient Air Temperature for Storage   | 5.0000000000...113.0000000000 °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                  | Multi-function LCD status and control console                                          |
| Free slots                     | 0                                                                                      |
| Pre-Installed SmartSlot® Cards | Network management card 3 with environmental monitoring                                |
| Control panel                  | 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 rating | 540 J                                                                                                |
| Filtering           | Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m |

## Ordering and shipping details

|                   |                           |
|-------------------|---------------------------|
| Category          | 11309-APC RESALE PRODUCTS |
| Discount Schedule | APC1                      |
| GTIN              | 731304292593              |
| Returnability     | No                        |
| Country of origin | PH                        |

## Packing Units

|                              |                          |
|------------------------------|--------------------------|
| Unit Type of Package 1       | PCE                      |
| Number of Units in Package 1 | 1                        |
| Package 1 Height             | 13.0 in (33 cm)          |
| Package 1 Width              | 24.9 in (63.3 cm)        |
| Package 1 Length             | 23.07 in (58.6 cm)       |
| Package 1 Weight             | 105.23 lb(US) (47.73 kg) |
| Pallet unit layers           | 2                        |
| Pallet layers                | 4                        |

## Offer Sustainability

|                             |                                                                                                                                                                                                                                                                                             |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status    | Green Premium product                                                                                                                                                                                                                                                                       |
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation            |  <a href="#">REACH Declaration</a>                                                                                                                                                                       |
| EU RoHS Directive           | Compliant with Exemptions                                                                                                                                                                                                                                                                   |
| Mercury free                | Yes                                                                                                                                                                                                                                                                                         |
| RoHS exemption information  |  <a href="#">Yes</a>                                                                                                                                                                                     |
| Environmental Disclosure    |  <a href="#">Product Environmental Profile</a>                                                                                                                                                           |
| Circularity Profile         |  <a href="#">End Of Life Information</a>                                                                                                                                                                 |
| Optimized Energy Efficiency | Energy efficient product                                                                                                                                                                                                                                                                    |
| Take-back                   | Take-back program available                                                                                                                                                                                                                                                                 |

## Contractual warranty

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