# Specifications

**Photo is representative**

## Eaton 9SX2000IBS

Eaton 9SX UPS, 2000 VA, 1800 W, Input: C14, Outputs: (8) C13, Tower, with BS input cord

| General specifications | |
|---|---|
| **PRODUCT NAME** | Eaton 9SX UPS |
| **CATALOG NUMBER** | 9SX2000IBS |
| **EAN** | 3553340620461 |
| **PRODUCT LENGTH/DEPTH** | 412 mm |
| **PRODUCT HEIGHT** | 346 mm |
| **PRODUCT WIDTH** | 214 mm |
| **PRODUCT WEIGHT** | 33.3 kg |
| **COMPLIANCES** | CE Marked<br>TUV<br>cULus Listed<br>CSA 22.2<br>FCC part 15 Class B<br>CISPR22 Class B |
| **CERTIFICATIONS** | IEC/EN 62040-1<br>UL 1778<br>IEC/EN 62040-2<br>CE<br>EAC |

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## Battery

| | |
|---|---|
| **BATTERY TYPE** | Sealed, lead-acid |
| **RUNTIME GRAPH** | View runtime graph |
| **BATTERY REPLACEMENT** | Hot-swappable internal batteries and extended battery modules (EBMs) |
| **BATTERY QUANTITY** | 8 |
| **BATTERY MANAGEMENT** | • ABM & Temperature compensated charging method (user selectable)<br>• Automatic battery test<br>• Deep discharge protection<br>• Automatic recognition of external battery units |
| **BATTERY RATING** | 12 V / 7 Ah |
| **EXTENDED BATTERY CAPABILITY** | Yes |

## Electrical output

| | |
|---|---|
| **RECEPTACLE** | (8) C13 |
| **VOLTAGE** | 230V |
| **WATTAGE** | 1800 W |
| **OUTPUT POWER FACTOR** | 0.9 |
| **OUTPUT VOLTAGE RANGE** | 200/208/220/230/240 V +/- 2% |
| **OUTPUT WAVEFORM** | Sine wave |
| **OUTPUT NOMINAL VOLTAGE** | 230V default (200/208/220/230/240V) |
| **VOLTAGE DISTORTION OUTPUT (LINEAR LOAD) - MAX** | 3 |
| **FEED TYPE** | 1 |
| **TOPOLOGY** | Online/Double-conversion |
| **VA RATING** | 2000 VA |

## Electrical input

| | |
|---|---|
| **INPUT CONNECTION** | C14 |
| **INPUT NOMINAL VOLTAGE** | 230V default (200/208/220/230/240/250V) |
| **NOMINAL FREQUENCY** | 50/60 Hz |
| **INPUT POWER FACTOR** | >.99 |
| **INPUT VOLTAGE RANGE** | 200-276 Vac without derating (up to 140-276 Vac with derating) |
| **INPUT FREQUENCY RANGE** | 40-70 Hz |

## Communications

| | |
|---|---|
| **INCLUDES NETWORK CARD** | No |
| **COMMUNICATION** | • USB port (HID compliant)<br>• Serial port (RS232)<br>• Mini-terminal block for remote power off<br>• Mini-terminal block for output relay<br>• Dry contacts (2 outputs, 1 input, optocoupler, DB9) |
| **ETHERNET INTERFACE** | No |
| **USER INTERFACE** | Multilingual graphical LCD display |
| **POTENTIAL FREE SWITCH CONTACT** | Yes |
| **EXPANSION SLOTS** | One slot for optional communication card |
| **SOFTWARE COMPATIBILITY** | Eaton Intelligent Power Manager, Eaton Intelligent Power Protector |
| **TYPE OF INTERFACE** | Other |

## Environmental

| | |
|---|---|
| **ALTITUDE** | 3000 m |
| **NOISE LEVEL** | <45 dB at 1 meter |
| **TEMPERATURE RANGE** | 0° to 40°C (32° to 104°F) |
| **RELATIVE HUMIDITY** | 0-96% non-condensing |

## Additional specifications

| | |
|---|---|
| **CONSTRUCTION TYPE** | Free standing model |
| **PACKAGE CONTENTS** | • UPS<br>• (2) IEC-IEC output cables<br>• USB cable |

| | |
|---|---|
| | • Serial cable<br>• Safety instructions<br>• Quickstart guide<br>• BS input cord |
| **PHASE (OUTPUT)** | 1 |
| **INTERNAL BYPASS** | Yes |
| **AUTO SHUTDOWN FUNCTION** | Yes |
| **COLOR** | Black |
| **EFFICIENCY** | 92.3 |
| **RACK MOUNTING KIT** | No |
| **PHASE (INPUT)** | 1 |
| **HOT SWAP POWER** | No |

## Resources

| | |
|---|---|
| **BROCHURES** | Eaton UPS Services Quick Guide - EN<br><br>Eaton UPS and battery services - EN |
| **COMPLIANCE INFORMATION** | EU declaration of conformity Eaton 9SX UPS |
| **MANUALS AND USER GUIDES** | Eaton 9SX UPS - 0-6KVA - Installation and user manual |
| **TECHNICAL DATA SHEETS** | Eaton 9SX UPS 700/1000/1500/2000/3000 VA - Datasheet |

| | |
|---|---|
| **PROJECT NAME:** | |
| **PROJECT NUMBER:** | |
| **PREPARED BY:** | |
| **DATE:** | |

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