

# Specifications

## Eaton 9SX2000IR

Eaton 9SX UPS, 2000 VA, 1800 W, Input: C14,  
Outputs: (8) C13, Rack, 2U



Photo is representative



### General Specifications

<b>PRODUCT NAME</b>	Eaton 9SX UPS
<b>CATALOG NUMBER</b>	9SX2000IR
<b>UPC</b>	743172090973
<b>PRODUCT LENGTH/DEPTH</b>	608 mm
<b>PRODUCT HEIGHT</b>	86.5 mm
<b>PRODUCT WIDTH</b>	438 mm
<b>PRODUCT WEIGHT</b>	26.5 kg
<b>COMPLIANCES</b>	CE Marked TUV cULus Listed CSA 22.2 FCC part 15 Class B CISPR22 Class B
<b>CERTIFICATIONS</b>	IEC/EN 62040-1 UL 1778 IEC/EN 62040-2 CE cULus Listed EAC

## Additional information

CONSTRUCTION TYPE	482.6 mm (19 inch) device
PACKAGE CONTENTS	<ul style="list-style-type: none"><li>• UPS</li><li>• (2) IEC-IEC output cables</li><li>• USB cable</li><li>• Serial cable</li><li>• (2) brackets for 19' mounting</li><li>• (2) Rack-mounting kit</li><li>• Safety instructions</li><li>• Quickstart guide</li></ul>
PHASE (OUTPUT)	1
INTERNAL BYPASS	Yes
AUTO SHUTDOWN FUNCTION	Yes
COLOR	Black
EFFICIENCY AT MAX. LOAD	92.3
RACK MOUNTING KIT	Yes
PHASE (INPUT)	1
HOT SWAP POWER	No

## Battery

BATTERY TYPE	Sealed, lead-acid
RUNTIME GRAPH	<a href="#">View runtime graph</a>
BATTERY REPLACEMENT	Hot-swappable internal batteries and extended battery modules (EBMs)
BATTERY QUANTITY	6
BATTERY MANAGEMENT	<ul style="list-style-type: none"><li>• ABM &amp; Temperature compensated charging method (user selectable)</li><li>• Automatic battery test</li><li>• Deep discharge protection</li><li>• Automatic recognition of external battery units</li></ul>
BATTERY RATING	12 V / 7 Ah
EXTENDED BATTERY CAPABILITY	Yes

## Communication

### INCLUDES NETWORK CARD

No

### COMMUNICATION

- USB port (HID compliant)
- Serial port (RS232)
- Mini-terminal block for remote power off
- Mini-terminal block for output relay
- 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

## 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

## 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

## 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

## Resources

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

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**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**

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