

Specifications



Photo is representative

Eaton 9SX1000IM

Eaton 9SX Marine UPS, 1000 VA, 900 W,
Input: C14, Outputs: (6) C13, Tower

General specifications

PRODUCT NAME	Eaton 9SX Marine UPS
CATALOG NUMBER	9SX1000IM
UPC	743172090904
PRODUCT LENGTH/DEPTH	38.7 cm
PRODUCT HEIGHT	25.2 cm
PRODUCT WIDTH	16 cm
PRODUCT WEIGHT	15 kg
COMPLIANCES	CE Marked TUV cULus Listed CSA 22.2 FCC part 15 Class B CISPR22 Class B
CERTIFICATIONS	IEC/EN 62040-1 UL 1778 IEC/EN 62040-2 CE cULus Listed EAC DNV GL Certified



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SPECIAL FEATURES

- DNV-GL approved
- Double conversion topology
- Constantly monitors power conditions and regulates voltage and frequency
- Provides more real power (watts) to protect more equipment with a 0.9 power factor
- Energy efficient, reduce energy and cooling costs
- Internal bypass allows service continuity in case of UPS fault
- Next-generation graphical LCD display
- Meter energy consumption (at the UPS level)
- Hot swappable batteries
- Advanced Battery Management (ABM) technology to increase battery lifetime
- Long backup time with up to 4 optional EBM

TOPOLOGY	Online/Double-conversion
FORM FACTOR	Tower
CONSTRUCTION TYPE	Free standing model
COLOR	Black
VA RATING	1000 VA
WATTAGE	900 W
RACK MOUNTING KIT	No

PACKAGE CONTENTS

- UPS
- Quickstart guide
- (2) IEC-IEC output cables
- Serial cable
- USB cable

INTERNAL BYPASS	Yes
HOT SWAP POWER	No
AUTO SHUTDOWN FUNCTION	Yes
PRIMARY FREQUENCY - MAX	70 Hz
PRIMARY FREQUENCY - MIN	40 Hz
INPUT CONNECTION	C14
INPUT NOMINAL VOLTAGE	230V default (200/208/220/230/240V)
NOMINAL FREQUENCY	50/60 Hz
INPUT FREQUENCY RANGE	40-70 Hz

BROCHURES

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INPUT POWER FACTOR	>.99
RECEPTACLE	(6) C13
NUMBER OF OUTPUTS C13	6
OUTPUT WAVEFORM	Sine wave
VOLTAGE	230V
OUTPUT NOMINAL VOLTAGE	230V default (200/208/220/230/240V)
FEED TYPE	1
VOLTAGE TYPE	AC
RUNTIME GRAPH	View runtime graph
BATTERY MANAGEMENT	<ul style="list-style-type: none"> • ABM & Temperature compensated charging method (user selectable) • Automatic battery test • Deep discharge protection • Automatic recognition of external battery units
BATTERY REPLACEMENT	Hot-swappable internal batteries and extended battery modules (EBMs)
BATTERY RATING	12 V / 9 Ah
BATTERY TYPE	Sealed, lead-acid
EXTENDED BATTERY CAPABILITY	Yes
RUNTIME AT HALF LOAD	16.5 min
COMMUNICATION	<ul style="list-style-type: none"> • 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)
EXPANSION SLOTS	One slot for optional communication card
ETHERNET INTERFACE	No
INCLUDES NETWORK CARD	No
SOFTWARE COMPATIBILITY	Eaton Intelligent Power Manager, Eaton Intelligent Power Protector
USER INTERFACE	Multilingual graphical LCD display
POTENTIAL FREE SWITCH CONTACT	Yes
ALTITUDE	3000 m
BTU RATING	Online: 375
NOISE LEVEL	<41 dB at 1 meter

RELATIVE HUMIDITY	0-96% non-condensing
TEMPERATURE RANGE	0° to 40°C (32° to 104°F)
INPUT VOLTAGE - MAX	276 V
INPUT VOLTAGE - MIN	120 V
OUTPUT VOLTAGE - MAX	240 V
OUTPUT VOLTAGE - MIN	200 V
SECONDARY FREQUENCY - MAX	60 Hz
SECONDARY FREQUENCY - MIN	50 Hz
BATTERY QUANTITY	3
EFFICIENCY	89
EFFICIENCY (ECO-MODE)	94
INPUT VOLTAGE RANGE	190-276 V (120 V-276 V with derating)
MAX NUMBER OF BATTERY PACKS	4
OUTPUT FREQUENCY	50/60 Hz
OUTPUT POWER FACTOR	0.9
OUTPUT VOLTAGE RANGE	200/208/220/230/240 V +/- 2%
PHASE (INPUT)	1
PHASE (OUTPUT)	1
RUNTIME AT FULL LOAD	6 min
VOLTAGE DISTORTION OUTPUT (LINEAR LOAD) - MAX	3

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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