Specifications

Photo is representative



Eaton 9SX8KIRT

Eaton 9SX UPS, 8 kVA, 7.2 kW, Input: Hardwired, Outputs: Hardwired, Rack/tower, 6U, Rack-mounting kit included

General specifications	
PRODUCT NAME	Eaton 9SX UPS
CATALOG NUMBER	9SX8KIRT
MODEL CODE	Eaton 9SX 8000i RT6U
UPC	743172040220
PRODUCT LENGTH/DEPTH	70 cm
PRODUCT HEIGHT	26 cm
PRODUCT WIDTH	44 cm
PRODUCT WEIGHT	77 kg
COMPLIANCES	CE Marked TUV
CERTIFICATIONS	IEC/EN 62040-1 IEC/EN 62040-2 CE EAC

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Battery

BATTERY TYPE	Sealed, lead-acid
RUNTIME GRAPH	View runtime graph
BATTERY REPLACEMENT	Hot-swappable battery modules
BATTERY QUANTITY	20
BATTERY MANAGEMENT	• ABM & Temperature compensated charging method (user selectable) • Automatic battery test • Deep discharge protection • Automatic recognition of external battery units
BATTERY RATING	12 V / 7 Ah
EXTENDED BATTERY CAPABILITY	Yes

Electrical output

RECEPTACLE	Hardwired
VOLTAGE	230V
WATTAGE	7.2 kW
OUTPUT POWER FACTOR	0.9
OUTPUT VOLTAGE RANGE	200/208/220/230/240/250 V +/- 1%
OUTPUT WAVEFORM	Sine wave
OUTPUT NOMINAL VOLTAGE	230V default (200/208/220/230/240/250V)
VOLTAGE DISTORTION OUTPUT (LINEAR LOAD) - MAX	2
FEED TYPE	1
TOPOLOGY	Online/Double-conversion
VA RATING	8 kVA

Electrical input

INPUT CONNECTION	Hardwired/fixed connection
INPUT NOMINAL VOLTAGE	230V default (200/208/220/230/240/250V)
NOMINAL FREQUENCY	50/60 Hz
INPUT POWER FACTOR	>.99
INPUT VOLTAGE RANGE	176-276 V (100-276 V with derating)
INPUT FREQUENCY RANGE	40-70 Hz

Communications

INCLUDES NETWORK CARD	No
COMMUNICATION	• USB port (HID compliant) • Serial port (RS232) • Mini terminal block for remote On/Off • Mini-terminal block for remote power off • Dry contacts (4 outputs, relay, 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	<48 dB at 1 meter
TEMPERATURE RANGE	0° to 40°C (32° to 104°F)
RELATIVE HUMIDITY	0-95% non-condensing

Additional specifications

CONSTRUCTION TYPE	482.6 mm (19 inch) device
PACKAGE CONTENTS	• Power Module • Extended battery module (EBM) • (2) brackets for 19’ mounting • (2) Rack-mounting kit

	• USB cable • Serial cable • Battery cable with comms for automatic battery cabinet recognition • (2) Supports for tower mounting • Link plate • Safety instructions • Quickstart guide
PHASE (OUTPUT)	1
INTERNAL BYPASS	Yes
AUTO SHUTDOWN FUNCTION	Yes
COLOR	Black
EFFICIENCY	95
RACK MOUNTING KIT	Yes
PHASE (INPUT)	1
HOT SWAP POWER	No

Resources

BROCHURES	Eaton UPS Services Quick Guide - EN Eaton UPS and battery services - EN
COMPLIANCE INFORMATION	EU declaration of conformity Eaton 9SX UPS
MANUALS AND USER GUIDES	Eaton 9SX-9PX UPS - 8-11 kVA-EBM 240V - Installation and user manual
TECHNICAL DATA SHEETS	Eaton 9SX UPS - 5/6/8/11 kVA - Datasheet

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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