Specifications







Eaton 9SX5KIRT3UG2

Eaton 9SX Gen2 UPS, 5000 VA, 5000 W, Input: Hardwired, Outputs: (8) C13, (3) C19, Hardwired, Rack/tower, 3U, Rack-mounting kit included

General specifications	
PRODUCT NAME	Eaton 9SX Gen2 UPS
CATALOG NUMBER	9SX5KIRT3UG2
EAN	3553340710650
PRODUCT LENGTH/DEPTH	684 mm
PRODUCT HEIGHT	130 mm
PRODUCT WIDTH	440 mm
PRODUCT WEIGHT	43.1 kg
WARRANTY	2 year
COMPLIANCES	LVD Directive (CB) EMC Directive RoHS Directive REACH WEEE Directive Packaging Directive Batteries Directive
CERTIFICATIONS	IEC/EN 62040-1 IEC/EN 62040-2 IEC/EN 62040-3 ENERGY STAR certified CE cULus UKCA Cm Ukr RCM KCC BSMI
MODEL CODE	Eaton 9SX 5000i RT3U G2

Powering Business Worldwide

Product specifications

SPECIAL FEATURES	• Double conversion topology • Constantly regulates voltage and frequency • Up to 96.7% Energy efficient, Energy Star qualified, reduce energy and cooling costs • 3U form factor • Provides more real power (watts) to protect more equipment with a unity power factor • Internal bypass allows service continuity in case of UPS fault • Graphical LCD display • Rackmounting kit delivered as standard • Hot swappable batteries
TOPOLOGY	Online/Double-conversion
RACK SIZE	3U
CONSTRUCTION TYPE	482.6 mm (19 inch) device
COLOR	Black
VA RATING	5000 VA
WATTAGE	5000W
RACK MOUNTING KIT	Yes
PACKAGE CONTENTS	• UPS • (2) cable glands • (2) IEC-IEC output cables (1,2m) • USB cable (1,8m) • Cable locking systems • Supports for tower mounting • Rack-mounting kit with brackets and slides for UPS • Safety instructions • Quickstart guide
INTERNAL BYPASS	Yes
HOT SWAP POWER	No

Resources

BROCHURES	Eaton 9SX Gen2 UPS Datasheet - EN
COMPLIANCE INFORMATION	Eaton single phase UPS Transportation document according to DGR
DECLARATIONS OF CONFORMITY	Eaton 9SX Gen2 Declaration of Conformity
MANUALS AND USER GUIDES	Eaton 9SX Gen2 UPS Advanced User Guide - EN
PEP ECO-PASSPORT	eaton-double-conversion-network-ups-pep-eato-00281-v0102-en.pdf

AUTO SHUTDOWN FUNCTION	Yes
PRIMARY FREQUENCY - MAX	70 Hz
PRIMARY FREQUENCY - MIN	40 Hz
INPUT CONNECTION	Hardwired/fixed connection
INPUT NOMINAL VOLTAGE	230V default (200/208/220/230/240V)
NOMINAL FREQUENCY	50/60 Hz
INPUT FREQUENCY RANGE	40-70 Hz
INPUT POWER FACTOR	>.99
RECEPTACLE	(8) C13, (3) C19, Hardwired
NUMBER OF OUTPUTS C13	8
NUMBER OF OUTPUTS C19	3
NUMBER OF OUTPUTS HARDWIRED	1
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	• ABM+ (Predictive battery life) & 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 / 5 Ah
BATTERY TYPE	Sealed, lead-acid
EXTENDED BATTERY CAPABILITY	Yes

RUNTIME AT HALF LOAD	9.4 min
COMMUNICATION	• USB port (HID compliant) • Serial port (RS232) • Mini terminal block for remote On/Off • Mini-terminal block for remote power off • Mini-terminal block for dry contacts outputs (2 contacts)
EXPANSION SLOTS	One slot
ETHERNET INTERFACE	No
INCLUDES NETWORK CARD	No
SOFTWARE COMPATIBILITY	Eaton Brlightlayer Software suite
USER INTERFACE	Multilingual graphical LCD display
TYPE OF INTERFACE	Other
POTENTIAL FREE SWITCH CONTACT	Yes
ALTITUDE	3000 m
BTU RATING	Online: 563 BTU/hr
NOISE LEVEL	<40 dB at 1 meter
RELATIVE HUMIDITY	0-95% non-condensing
TEMPERATURE RANGE	0° to 40°C (32° to 104°F)
INPUT VOLTAGE - MAX	276 V
INPUT VOLTAGE - MIN	100 V
OUTPUT VOLTAGE - MAX	240 V
OUTPUT VOLTAGE - MIN	200 V
SECONDARY FREQUENCY - MAX	60 Hz
SECONDARY FREQUENCY - MIN	50 Hz
BATTERY QUANTITY	15
EFFICIENCY AT MAX. LOAD	96.7
EFFICIENCY (ECO-MODE)	99
INPUT VOLTAGE RANGE	176-276 V (100-276 V with derating)
MAX NUMBER OF BATTERY PACKS	12
OUTPUT FREQUENCY	50/60 Hz
OUTPUT POWER FACTOR	1

OUTPUT VOLTAGE RANGE	200/208/220/230/240 V +/- 1%
PHASE (INPUT)	1
PHASE (OUTPUT)	1
RUNTIME AT FULL LOAD	3.5 min
VOLTAGE DISTORTION OUTPUT (LINEAR LOAD) - MAX	1
COMMUNICATION INTERFACE	USB RS232
POWER CONSUMPTION	165 W

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

Eaton Corporation plc Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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