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9SX8KiRT

Eaton 9SX 8000i RT6U

General

Topology	On-line double conversion with PFC (Power Factor Correction) system
Configuration	Rack/Tower
Part Number	9SX8KiRT
Rating (VA/Watts)	8000/7200
Dimensions (H x W x D, mm)	440 x 260 x 700
Weight (kg)	84
Warranty	2 years warranty
Rail Kit Included	Yes

Electrical Input

Connection Hardwired - see manual for terminal block layout



Input Voltage Range	176-276V without derating (up to 100-276V with derating)
Nominal Voltage	200/208/220/230/240/250V
Frequency	50/60 Hz autoselection
Frequency Range	40-70 Hz
Short Circuit Current	120 A
THDI	<5%

Electrical Output

Voltages 200/208/220/230/240/250V +/- 1%

Voltage THD < 2%

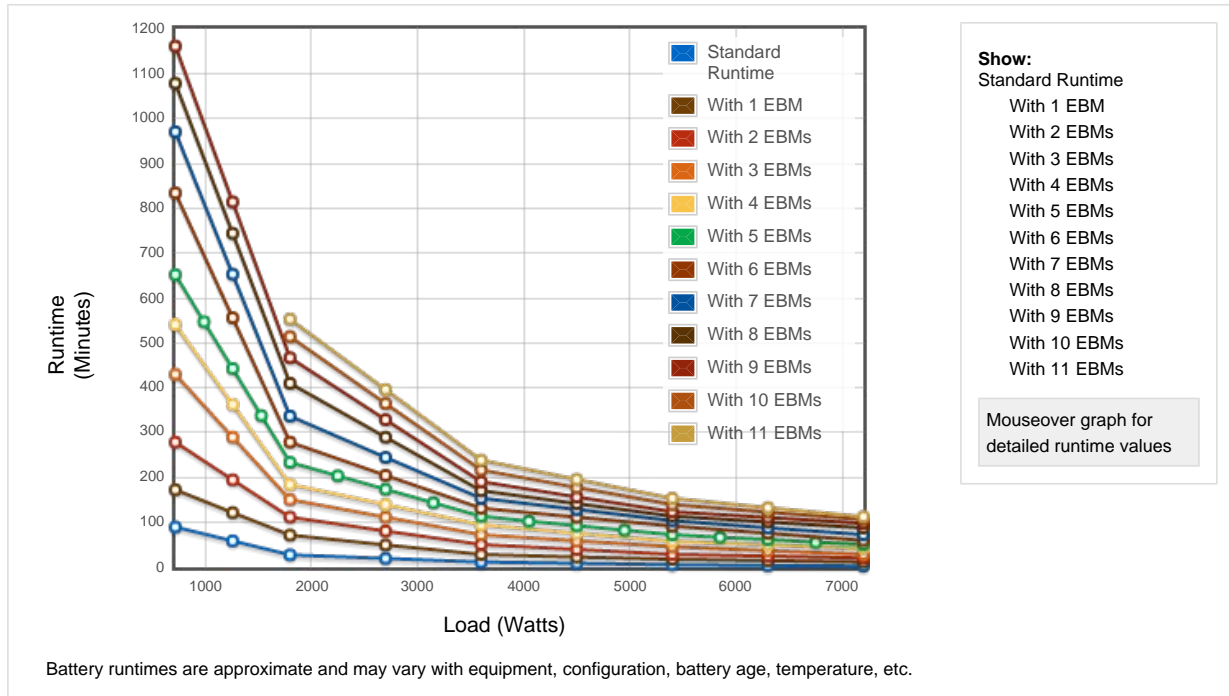
Outlets Hardwired - see manual for terminal block layout



Overload Capacity	102-110% : 120s, 110-125%: 60s, 125-150%: 10s, >150%: 900ms
Efficiency (Normal Mode)	Up to 95% in Online mode, 98% in Hi-Efficiency mode

Output Frequency	50/60 Hz autoselect, frequency converter as standard
Load Crest Factor	3:1

Battery



Battery Management	ABM® and Temperature compensated charging method (user selectable), automatic battery test, deep discharge protection, automatic recognition of external battery units.
Extended Battery Capability	EBM

Communications

User Interface	Multilingual graphical LCD display
Communication Ports	1 USB port, 1 RS232 serial port (USB and RS232 ports cannot be used simultaneously), 4 dry contacts (DB9), 1 mini terminal block for remote On/Off and 1 for remote power Off
Communication Slot	1 slot for Network-MS card, ModBus-MS or Relay-MS cards.

Environmental & Standards

Audible Noise	<48dB
Operating Temperature	0 to 40°C continuous
Safety markings	IEC/EN 62040-1, UL 1778, CSA 22.2
EMC Markings	IEC/EN 62040 -2 , FCC Class A, IEC/EN 62040-3 (Performance)
Approvals	CE, CB report (TUV), UL

Options

Batteries

Option	Part Number
Eaton 9SX EBM 240V	9SXEBM240
Eaton Supercharger 240VDC	SC240RT

Power Distribution and Bypass

Option	Part Number
Eaton HotSwap MBP 11000i	MBP11Ki

Accessories

Option

Part Number

Eaton 9SX 8000i Power Module

9SX8KiPM

In the interests of continuous product improvement all specifications are subject to change without notice.



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