

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%

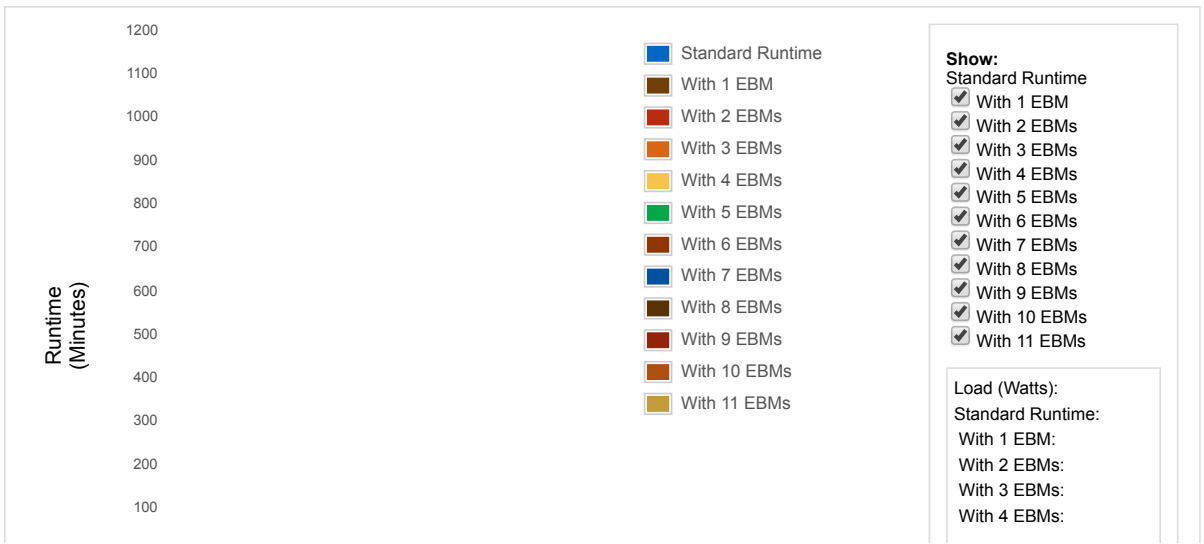
Electrical Output

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



0 1000 2000 3000 4000 5000 6000 7000

Load (Watts)

Battery runtimes are approximate and may vary with equipment, configuration, battery age, temperature, etc.
Actual runtime may vary from +/- 15% around these typical values

With 5 EBMs:
With 6 EBMs:
With 7 EBMs:
With 8 EBMs:
With 9 EBMs:
With 10 EBMs:
With 11 EBMs:

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	