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## 9SX6KiRT

Eaton 9SX 6000i RT3U

### General

|                            |   |
|----------------------------|---|
| Topology                   | On-line double conversion with PFC (Power Factor Correction) system |
| Configuration              | Rack/Tower  |
| Part Number                | 9SX6KiRT  |
| Rating (VA/Watts)          | 6000/5400   |
| Dimensions (H x W x D, mm) | 440 x 130 x 685   |
| Weight (kg)                | 48  |
| 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       | 200/208/220/230/240V                                     |
| Frequency             | 50/60 Hz autoselection                                   |
| Frequency Range       | 40-70 Hz   |
| Short Circuit Current | 90 A   |
| THDI                  | <5%  |

### Electrical Output

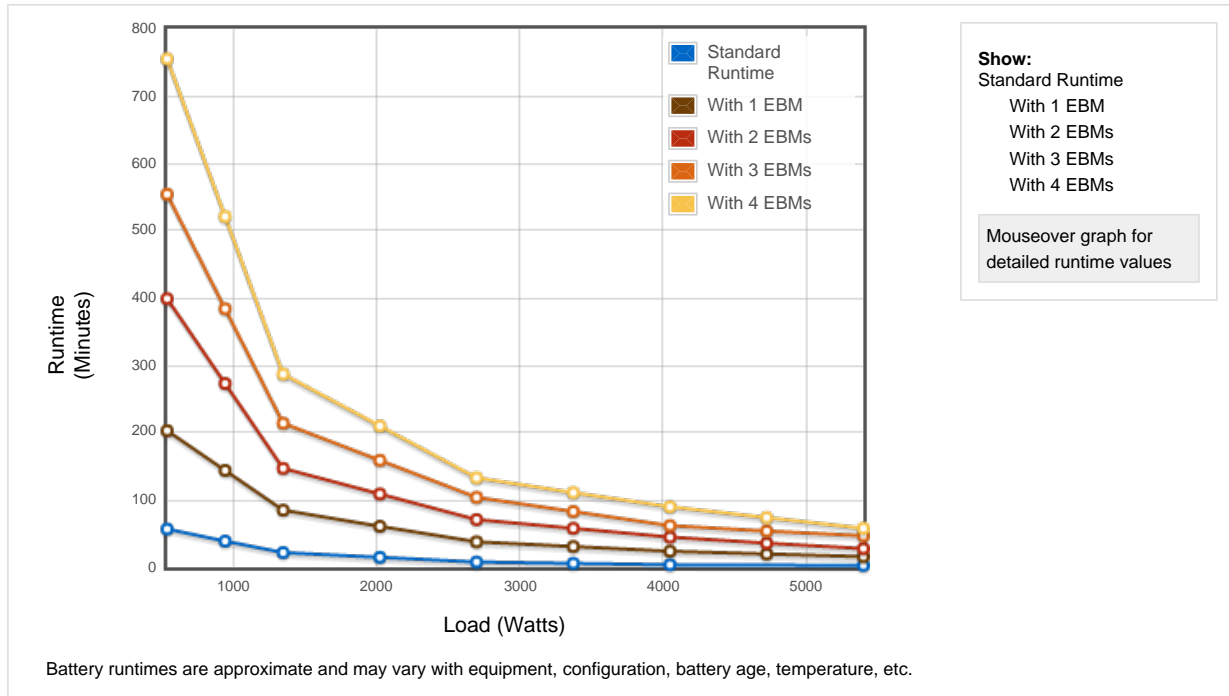
|             |                             |                 |  |
|-------------|-----------------------------|-----------------|--|
| Voltages    | 200/208/220/230/240V +/- 1% |                 |  |
| Voltage THD | < 2%                        |                 |  |
| Outlets     | (8) IEC-320-C13             | (2) IEC-320-C19 | Hardwired - see manual for terminal block layout |



|                          |   |
|--------------------------|---|
| Overload Capacity        | 102-110% : 120s, 110-125%: 60s, 125-150%: 10s, >150%: 500ms |
| Efficiency (Normal Mode) | Up to 94% 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 with Rack Kit   |

## 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         | <45dB   |
| 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 180V RT3U | 9SXEBM180RT |

### Power Distribution and Bypass

| Option                  | Part Number |
|-------------------------|-------------|
| Eaton HotSwap MBP 6000i | MBP6Ki      |

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