



[→ See all Eaton 9PX Documentation](#)

[→ See all Eaton 9PX models](#)

## 9PX6KiBP31

Eaton 9PX 6000i HotSwap 3:1

### General

Topology	On-line double conversion with PFC (Power Factor Correction) system
Configuration	Rack/Tower
Part Number	9PX6KiBP31
Rating (VA/Watts)	6000/5400
Dimensions (H x W x D, mm)	440 x 260 x 700
Weight (kg)	88
Warranty	2 years warranty

### Electrical Input

Connection Hardwired - see manual for terminal block layout



Input Voltage Range	305V-480V without derating (up to 175V-480V with derating)
Nominal Voltage	380/400/415V
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%

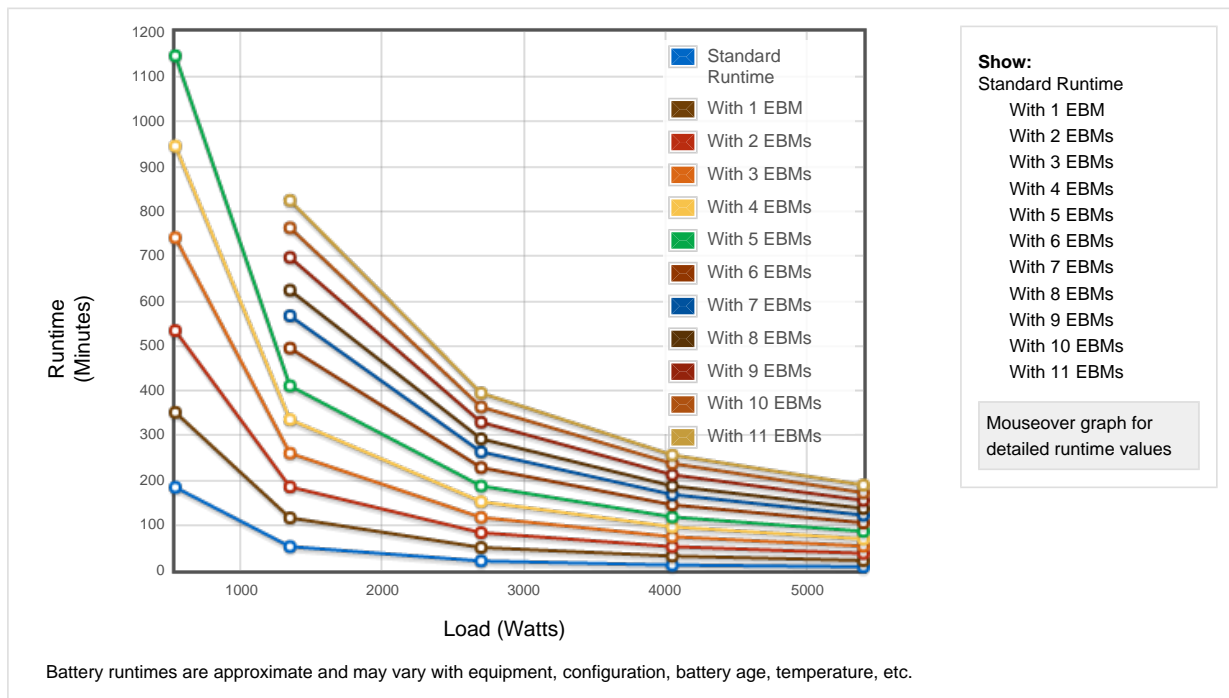
Voltage THD < 2%

Outlets (4) IEC-320-C19 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 94% in Online mode, 98% in Hi-Efficiency mode
Output Frequency	50/60 Hz autoselect, frequency converter as standard

## 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 (3U)

## 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, 1 DB15 for parallel operation
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
EMC Markings	IEC/EN 62040 -2 , IEC/EN 62040-3 (Performance)
Approvals	CE, CB report (TUV)

## Options

### Batteries

Option	Part Number
Eaton 9PX EBM 240V	9PXEBM240
Eaton Supercharger 240VDC	SC240RT

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

