

Eaton 9PX6KI

Catalog Number: 9PX6KI

Eaton 9PX UPS, 6 kVA, 5.4 kW, 3U, 220V, Rack/tower

General specifications

Product Name	Catalog Number
Eaton 9PX UPS	9PX6KI
UPC	Product Length/Depth
743172039224	685 mm
Product Height	Product Width
130 mm	440 mm
Product Weight	Certifications
51.4 kg	IEC/EN 62040-1
	IEC/EN 62040-2
	IEC/EN 62040-3
	IEC 60950-1
	UL1778
	CSA 22.2



Special features

Double conversion topology
Constantly monitors power conditions and regulates voltage and frequency
Provides more real power (watts) to protect more equipment with a 0.9 power factor
Energy Star qualified, provides the highest efficiency level to reduce energy and cooling costs
Internal bypass allows service continuity in case of UPS fault
Next-generation graphical LCD display
Meter energy consumption (at the UPS level)

Type

Power Module with internal battery

Topology

Online/Double-conversion

Form factor

Rack/tower

Rack size

3U

Construction type

Free standing model

Color

Black/silver

VA rating

6 kVA

Wattage

5.4 kW

Rack mounting kit

No

Package contents

Characteristic curve

Battery Runtimes for Eaton 9PX6K-10

Manuals and user guides

[Eaton 9PX 11K-User Manual UPS_EN-R00.pdf](#)

[9px-1-3k-user-manual-ups-en-r00.pdf](#)

[Eaton 9PX 6K-User Manual UPS_EN-R00.pdf](#)

PEP Eco-passport

[EATO-00051-V01.01-EN](#)

Technical data sheets

[Eaton 9PX1_3K-Datasheet_EN-R00.pdf](#)

[Eaton 9PX6_11K-Datasheet_EN-R00.pdf](#)

Power Module
USB cable
Serial cable
(2) Supports for tower
mounting
Safety instructions
Quickstart guide

Internal bypass

Yes

Hot swap power

No

Auto shutdown function

Yes

Primary frequency - max

70 Hz

Primary frequency - min

40 Hz

Input connection

Hardwired + 2 groups of 4 IEC C13 + 2 IEC C19

Input nominal voltage

220 Default (200/208/220/230/240V)

Nominal frequency

50/60 Hz

Input frequency range

40-70Hz

Input power factor

>.99

Receptacle

2 groups of 4 IEC C13 + 2 IEC C19

Output waveform

Sine wave

Voltage

220 V

Output nominal voltage

220V default(200/208/220/230V)

Feed type

1

Voltage type

AC

Runtime graph

View runtime graph

Battery management

ABM & Temperature

compensated charging
method (user selectable)

Automatic battery test

Deep discharge protection

Automatic recognition of
external battery units

Battery replacement

Yes

Extended battery capability

Yes

Runtime at half load

8 min

Communication

USB port (HID compliant)

Serial port (RS232)

Mini terminal block for
remote On/Off

Mini-terminal block for
remote power off

Dry contacts (4 outputs,
relay, DB9)

DB15 for parallel operation

Expansion slots

One slot for optional communication card

Ethernet interface

No

Includes network card

No

Software compatibility

Eaton Intelligent Power Manager, Eaton Intelligent Power
Protector

User interface

Multilingual graphical LCD display

Type of interface

Other

Potential free switch contact

Yes

Altitude

3000 m

BTU Rating

Online: 1155

Noise level

<45 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

250 V

Output voltage - min

200 V

Secondary frequency - max

60 Hz

Secondary frequency - min

50 Hz

Battery quantity

15

Efficiency

94

Efficiency (eco-mode)

98

Input voltage range

176-276 V (100-276 V with derating)

Max number of battery packs

4

Output frequency

50/60 Hz

Output power factor

0.9

Output voltage range

200/208/220/240V

Phase (input)

1

Phase (output)

1

Runtime at full load

3 min

Voltage distortion output (linear load) - max

2

