

# Eaton 9PX6K-L

Catalog Number: 9PX6K-L

Eaton 9PX 6kVA Lithium-ion UPS, 3U Rack/Tower, 5400W, 208V, In: 10ft L6-30P or Hardwire, Out: (2) L6-30R, (2) L6-20R, Hardwire, Network card included

## General specifications

Product Name	Catalog Number
Eaton 9PX UPS	9PX6K-L
UPC	Product Length/Depth
786689772598	28.43 in
Product Height	Product Width
5.12 in	17.32 in
Product Weight	Compliances
80.25 lb	FCC part 15 class A
	CE
	cULus Listed
Certifications	
RoHS	
EN 62040-2:2006	
IEC 62040-2	
NOM	



## Product specifications

### Current Crest Ratio

3:1

### Output waveform

True sine wave

### Max number of battery packs

4

### Wattage

5400 W

### Output power factor

.9

### Form factor

Rack/tower

### Standard factory warranty

5 year limited

### Mounting Method

Rackmount

Tower

### Includes network card

Yes

### Input connection

L6-30P

### Input voltage - min

200 V

### Output voltage - max

240 V

### Software compatibility

Intelligent Power Software Suite

### Battery replacement

Hot-swappable internal batteries and EBMs

### Battery type

Lithium-ion

### Efficiency

93%

### Number of outputs hardwired

1

## Resources

### Brochures

BMS Brochure

Eaton 9PX lithium-ion UPS brochure

### Competitive comparisons

9PX Lithium-ion UPS Competitive Comparison Battlecard

### Drawings

9PX6K-L Drawing

9PX6K-L and 9PXEBM192RT-L Visio Stencil

### Multimedia

9PX6K-L Video

### Specifications and datasheets

9PX6K-L runtime graph

### System overview

Firmware download

### Technical data sheets

9PX6K-L Technical Specifications

### User guides

9PX 6KVA lithium-ion UPS advanced user guide

9PX PPDM and transformers user guide

9PX UPS maintenance bypass user guide

### Warranty guides

Eaton 9PX lithium-ion UPS warranty

#### Output voltage - min

200 V

#### Communication interface

RS-232

USB

#### Color

Black/silver

#### Extended battery capability

Add up to 4 EBMs, part # 9PXEBM192RT-L

#### Output voltage range

±1% normal mode

#### Topology

Online/Double-conversion

#### BTU Rating

Online: 1233 BTU/hr, Battery: 1699 BTU/hr (100% load)

#### Surge protection

Yes

#### Number of Outputs L6-30R

2

#### Runtime at half load

17.4 min

#### Input nominal voltage

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

#### Input power factor

.99

#### Input frequency range

60 Hz: 50–70 Hz, 50 Hz: 40–60 Hz

#### Internal bypass

Yes

#### Input voltage - max

240 V

#### Battery management

Lithium-ion Battery Management System (BMS)

#### VA rating

6000 VA

#### Receptacle

Hardwire, (2) L6-30R, (2) L6-20R

### Package contents

9PX6K-L UPS  
Network-M2 Card  
4-post rail kit  
Quick start guide  
Safety Instruction  
Cable gland  
Tower pedestals  
RS-232 serial cable  
USB cable  
Data cable

### Noise level

<45 dB at 1 meter

### Runtime graph

[View runtime graph](#)

### User interface

Graphical display, 5-button programmable menu

### Rack size

3U

### Voltage

208 V

### Recharge Time to 90% Capacity

3 hour

### Input cord length

10 ft

### Temperature range

0° to 40°C (32° to 104°F)

### Ethernet interface

Yes

### Protocol

SNMP

### Relative humidity

0-95% non-condensing

### Rack mounting kit

Yes

### Output frequency

50/60 Hz

### Runtime at full load

8.7 minutes

Primary frequency - min

50 Hz

Voltage Regulation

< 1%

Number of Outputs L6-20R

2

Output nominal voltage

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

Input voltage range

200-240V

Nominal frequency

50-60 Hz

Primary frequency - max

60 Hz

Altitude

<1000m for nominal power, 10% power degrading every 1000m  
(up to 3000m)



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