

Eaton 9PX6K-L

Catalog Number: 9PX6K-L

Eaton 9PX 6kVA Lithium-ion UPS, 3U Rack/Tower, 5400W at 240V, In: 10ft L6-30P or Hardwire, Out: (2) L6-30R, (2) L6-20R, Hardwire, Network card included, 200-240V

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



Topology

Online/Double-conversion

Form factor

Rack/tower

Rack size

3U

Color

Black/silver

VA rating

6000 VA

Wattage

5400 W

Rack mounting kit

Yes

Package contents

9PX6K-L UPS

Network-M3 Card

4-post rail kit

Quick start guide

Safety Instruction

Cable gland

Tower pedestals

RS-232 serial cable

USB cable

Data cable

Surge protection

Yes

Internal bypass

Yes

Primary frequency - max

60 Hz

Primary frequency - min

50 Hz

Current Crest Ratio

3:1

Recharge Time to 90% Capacity

3 hour

Voltage Regulation

< 1%

Input connection

L6-30P

Input cord length

10 ft

Input nominal voltage

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

Nominal frequency

50-60 Hz

Input frequency range

60 Hz: 50–70 Hz, 50 Hz: 40–60 Hz

Input power factor

.99

Receptacle

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

Number of Outputs L6-20R

2

Number of Outputs L6-30R

2

Number of outputs hardwired

1

Output waveform

True sine wave

Voltage

208 V

Output nominal voltage

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

Runtime graph

\$row.attributeValue.cdata

Battery management

Lithium-ion Battery Management System (BMS)

Battery replacement

Hot-swappable internal batteries and EBMs

Battery type

Lithium-ion

Extended battery capability

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

Standard factory warranty

5 year limited

Runtime at half load

17.4 min

Battery Chemistry

Lithium Iron Phosphate (LiFePo4)

Ethernet interface

Yes

Includes network card

Yes

Software compatibility

Intelligent Power Software Suite

User interface

Graphical display, 5-button programmable menu

Altitude

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

BTU Rating

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

Noise level

<45 dB at 1 meter

Relative humidity

0-95% non-condensing

Temperature range

0° to 40°C (32° to 104°F)

Mounting Method

Rackmount

Tower

Protocol

SNMP

Input voltage - max

240 V

Input voltage - min

200 V

Output voltage - max

240 V

Output voltage - min

200 V

Efficiency

93%

Input voltage range

200-240V

Max number of battery packs

4

Output frequency

50/60 Hz

Output power factor

.9

Output voltage range

±1% normal mode

Runtime at full load

8.7 minutes

Communication interface

RS-232

USB

Output Capacity Details

5200VA / 4600W at 200V Output

5400VA / 4800W at 208V Output

5700VA / 5100W at 220V Output

6000VA / 5300W at 230V Output

6000VA / 5400W at 240V Output



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