

Specifications

Eaton 9PX8KG2-L



Eaton 9PX Gen 2 UPS, Lithium-ion battery, 8000 VA, 8000 W, Input: Hardwired, Outputs: Hardwired, (4) L6-30R, 4U Rack/tower, Gigabit Network card included



General specifications

PRODUCT NAME	Eaton 9PX UPS
CATALOG NUMBER	9PX8KG2-L
UPC	786689972776
PRODUCT LENGTH/DEPTH	28.5 in
PRODUCT HEIGHT	6.85 in
PRODUCT WIDTH	17.32 in
PRODUCT WEIGHT	142.86 lb
WARRANTY	5 year limited
COMPLIANCES	CISPR22 Class A / FCC part 15 Class A FCC Part 15 CE Marked
CERTIFICATIONS	cULus Listed IEC 62040-2:2006 Cat C2 NOM ENERGY STAR certified
GLOBAL CATALOG	9PX8KG2-L
PRODUCT TYPE	UPS

Battery

BATTERY MANAGEMENT

On-board battery management system (BMS) monitors battery performance, lifecycle, and active temperature to provide advance notice when batteries need replacing

BATTERY REPLACEMENT

Hot-swappable internal batteries and extended battery modules (EBMs). Replacement battery part # EBP-1806-L (Qty 2 per UPS)

BATTERY TYPE

Lithium-ion

BATTERY CHEMISTRY

Lithium Iron Phosphate (LiFePo4)

BATTERY VOLTAGE (VDC)

192

EXTENDED BATTERY CAPABILITY

Add up to 10 EBMs, part # 9PXEBM192RTG2-L

INTERNAL BATTERY DETAILS

192VDC 12Ah 2304Wh

REPLACEMENT BATTERY CARTRIDGE

EBP-1806-L (Qty 2)

RUNTIME AT FULL LOAD

10.9 min. (8000W)

RUNTIME AT HALF LOAD

22 min

Electrical input

INPUT CONNECTION

Hardwired

INPUT NOMINAL VOLTAGE

200 VAC
208 VAC
220 VAC
230 VAC
240 VAC

INPUT NOMINAL VOLTAGE

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

INPUT FREQUENCY RANGE

60 Hz: 50–70 Hz, 50 Hz:
40–60 Hz

INPUT POWER FACTOR

>0.99 typical

INPUT CIRCUIT BREAKERS

Recommended 50A

Electrical output

RECEPTACLE

(4) L6-30R, Hardwired

TOPOLOGY

Online/Double-conversion

WATTAGE

8 kW

VA RATING

8 kVA

OUTPUT WAVEFORM

True sine wave

VOLTAGE

208 V

OUTPUT POWER FACTOR

1.0 (220V-240V), 0.95
(208V)

OUTPUT NOMINAL VOLTAGE

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

NOMINAL OUTPUT VOLTAGE

200V
208V
220V
230V
240V

OUTPUT VOLTAGE RANGE

±1% steady-state

OUTPUT FREQUENCY

50/60 Hz

OUTPUT CAPACITY (WATTS)

8000

OUTPUT RECEPTACLES

L6-30R
Hardwire

Communications

EXPANSION SLOTS

(2) Mini-Slot (MS)
expansion ports with 1
Gigabit Network Card
(NETWORK-M3) included

ETHERNET INTERFACE

Yes

INCLUDES NETWORK CARD

Yes

SOFTWARE COMPATIBILITY

Brightlayer Data Centers
suite

USER INTERFACE

Graphical display, 5-button
programmable menu, LED
indicator

Environmental

ALTITUDE	3000 m
BTU RATING	Online: 815 BTU/hr, Battery: 1137 BTU/hr, High Efficiency: 165 BTU/hr
NOISE LEVEL	≤44 dB at 100% load, <38 dB at 66% load
RELATIVE HUMIDITY	0-95% non-condensing
TEMPERATURE RANGE	0° to 40°C (32° to 104°F)

Warranty and support

EXTENDED SERVICE PLANS

- 5-YEAR ON-SITE PLAN: WFLN75XX-11000UC
- - On-site parts and labor coverage for years 5
- - Parts, electronics and UPS batteries coverage
- - 24x7 on-site labor coverage, next-day response
- - Next-day shipping
- - Technical support

Additional specifications

FORM FACTOR	Rackmount Tower
RACK SIZE	4U
RACK MOUNTING KIT	Yes
EFFICIENCY AT MAX. LOAD	97%

PACKAGE CONTENTS

- 8000VA 8000W 208V 9PX G2 Online Double-Conversion Lithium-Ion UPS
- NETWORK-M3 Gigabit network card
- USB cable
- RS-232 cable
- Cable gland for hardwire connection
- Rack-mounting hardware
- Tower support stands
- Quick Start Guide

INTERNAL BYPASS	Yes
UPS POWER MODULE WEIGHT (LBS.)	132.3
PLUG TYPE	Hardwired

Resources

3D MODELS

[Eaton 9PX G2 UPS 3D model 9PX8kG2-L and 9PX11kG2-L](#)

BROCHURES

[Eaton Lithium-ion battery benefits](#)
[Lithium-ion battery application note](#)
[BMS Brochure](#)
[Lithium-ion UPS total cost of ownership \(TCO\) calculator](#)

CROSS REFERENCES

[9PX and 9PX G2 lithium-ion UPS battletcard](#)

DECLARATIONS OF CONFORMITY

[Eaton 9PX Gen2 Declaration of Conformity](#)

DRAWINGS	Eaton 9PX G2 lithium-ion UPS 9PX8KG2-L 9PX11KG2-L 2D drawing
MANUALS AND USER GUIDES	9PX G2 PPDM and TF advanced user guide 9PX G2 6-11kVA Lithium-ion UPS MBP Advanced User Guide 9PX8KG2-L 9PX11KG2-L Quick Start Guide
MATERIAL SAFETY DATA SHEET (MSDS)	Eaton 9PX G2 UPS EBP-1806-L MSDS Eaton 9PX G2 UPS 9PX8KG2-L MSDS
PRESENTATIONS	9PX G2 UPS Presentation
TEST REPORT	Eaton 9PX G2 UPS 9PX8KG2-L UN38.3 battery test summary
WARRANTY GUIDES	Eaton 9PX lithium-ion UPS warranty
	9PXG2 8-11k UPS with 9PXTFMR5G2 Interconnect diagram
	9PXG2 8-11k UPS with 9PXTFMR11G2 Interconnect diagram
WIRING DIAGRAMS	9PXG2 8-11k UPS with 9PXTFMR5G2 and MBP11K208G2 Interconnect diagram 9PXG2 8-11k UPS with MBP11K208G2 Interconnect diagram 9PXG2 8-11k UPS with 9PXTFMR11G2 and MBP11K208G2 Interconnect diagram

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



Eaton Corporation plc Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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