

Specifications

Eaton 9PX6KG2



Eaton 9PX Gen 2 UPS, 6000 VA, 5400 W,
Input: Hardwired or 10ft. L6-30P, Outputs:
Hardwired, (2) L6-30R, (2) L6-20R, 3U
Rack/tower, VRLA battery, Gigabit Network
card included



General specifications

PRODUCT NAME	Eaton 9PX UPS
CATALOG NUMBER	9PX6KG2
UPC	786689860066
PRODUCT LENGTH/DEPTH	26.93 in
PRODUCT HEIGHT	5.12 in
PRODUCT WIDTH	17.32 in
PRODUCT WEIGHT	98.33 lb
WARRANTY	3 year limited
COMPLIANCES	CISPR22 Class A / FCC part 15 Class A FCC Part 15 CE Marked
CERTIFICATIONS	NOM cULus Listed IEC 62040-2:2006 Cat C2 ENERGY STAR certified ICC-ES AC156 OSHPD Seismic certified
GLOBAL CATALOG	9PX6KG2
PRODUCT TYPE	UPS

Battery

BATTERY MANAGEMENT

ABM+ technology uses battery replacement analytics to predict when you should replace UPS batteries based on real-life usage and conditions.

BATTERY REPLACEMENT

Hot-swappable internal batteries and extended battery modules (EBMs). Replacement battery part # EBP-1805 (qty 1 per UPS)

BATTERY TYPE

Sealed, lead-acid

EXTENDED BATTERY CAPABILITY

Add up to 12 EBMs, part # 9PXEBM180RTG2

Electrical input

INPUT CONNECTION

L6-30P and hardwire input supported

INPUT CORD LENGTH

10 ft

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

Environmental

ALTITUDE

3000 m

BTU RATING

Online: 767 BTU/hr, Battery: 1155 BTU/hr, High Efficiency: 205 BTU/hr

NOISE LEVEL

<43 dB at 1 meter

RELATIVE HUMIDITY

0-95% non-condensing

TEMPERATURE RANGE

0° to 40°C (32° to 104°F)

Electrical output

RECEPTACLE

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

TOPOLOGY

Online/Double-conversion

WATTAGE

5400 W

VA RATING

6000 VA

OUTPUT WAVEFORM

True sine wave

VOLTAGE

208 V

OUTPUT POWER FACTOR

0.9 (240V L6-30P), 1.0 (hardwired input)

OUTPUT NOMINAL VOLTAGE

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

OUTPUT VOLTAGE RANGE

±1% steady-state

OUTPUT FREQUENCY

50/60 Hz

Communications

EXPANSION SLOTS

(1) Mini-Slot (MS) expansion port with 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

Additional specifications

SPECIAL FEATURES

Gigabit Network Card (NETWORK-M3) included

RACK SIZE

3U

RACK MOUNTING KIT

Yes

EFFICIENCY AT MAX. LOAD

96%

PACKAGE CONTENTS

- 6000VA 5400W 208V 9PX G2 Online Double-Conversion UPS
- NETWORK-M3 Gigabit network card
- USB cable

Warranty and support

STANDARD FACTORY WARRANTY

- 3-YEAR FACTORY WARRANTY
- - 3 years
- - Parts, electronics and batteries coverage
- - Standard ground shipping
- - Technical support

EXTENDED SERVICE PLANS

- ADVANCED DEPOT EXCHANGE
- - 5-year depot repair: 9SW5Y-6000UC
- - Expedited parts coverage for 5 years
- - Parts, electronics and UPS batteries coverage
- - Next business day shipping
- - Technical support
- 5 YEAR ON-SITE PLAN: WFLN75XX-6009UC
- - On-site parts and labor coverage for 5 years
- - Parts, electronics and UPS batteries coverage
- - 24x7 on-site labor coverage, next day response
- - Next-day shipping
- - Technical support

- RS-232 cable
- Cable gland for hardwire connection
- Rack-mounting hardware
- Tower support stands
- Quick Start Guide

SURGE PROTECTION

Yes

INTERNAL BYPASS

Yes

Resources

3D MODELS

[Eaton 9PX G2 UPS 3D model 9PX3K3UG2, 9PX5KG2 and 9PX6KG2](#)

BROCHURES

[9PX G2 3-11kVA VRLA full brochure](#)

[9PX6KG2 Feature Focus](#)

DECLARATIONS OF CONFORMITY

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

DRAWINGS

[Eaton 9PX G2 UPS 9PX3K3UG2 9PX5KG2 9PX6KG2 2D drawing](#)

[9PX G2 UPS Visio shapes](#)

FLYERS

[9PX G2 UPS 2-page flyer, VRLA \(3-11 kVA\) and lithium-ion \(6-11 kVA\)](#)

MANUALS AND USER GUIDES

[9PX G2 3-11kVA UPS and EBM advanced user guide](#)

PRESENTATIONS

[9PX G2 UPS Presentation](#)

TECHNICAL DATA SHEETS

[Eaton 9PX G2 UPS 5-6kVA technical specifications](#)

WARRANTY GUIDES

[9PX three year limited warranty](#)

WIRING DIAGRAMS

[9PXG2 3-6k UPS with MBP6K208G2 Interconnect diagram](#)

[9PXG2 3-6k UPS with MBP6KIECG2 Interconnect diagram](#)

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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

© 2026 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.

