

# Specifications

## Eaton 9PX8KG2



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



### General specifications

<b>PRODUCT NAME</b>	Eaton 9PX UPS
<b>CATALOG NUMBER</b>	9PX8KG2
<b>UPC</b>	786689860110
<b>PRODUCT LENGTH/DEPTH</b>	28.5 in
<b>PRODUCT HEIGHT</b>	6.85 in
<b>PRODUCT WIDTH</b>	17.32 in
<b>PRODUCT WEIGHT</b>	173.72 lb
<b>WARRANTY</b>	3 year limited
<b>COMPLIANCES</b>	CISPR22 Class A / FCC part 15 Class A FCC Part 15 CE Marked
<b>CERTIFICATIONS</b>	cULus Listed IEC 62040-2:2006 Cat C2 NOM ENERGY STAR certified ICC-ES AC156 OSHPD Seismic certified
<b>GLOBAL CATALOG</b>	9PX8KG2
<b>PRODUCT TYPE</b>	UPS



Powering Business Worldwide

## Battery

<b>BATTERY MANAGEMENT</b>	ABM+ technology uses battery replacement analytics to predict when you should replace UPS batteries based on real-life usage and conditions.
<b>BATTERY REPLACEMENT</b>	Hot-swappable internal batteries and extended battery modules (EBMs). Replacement battery part # EBP-2003 (qty 2 per UPS)
<b>BATTERY TYPE</b>	Sealed, lead-acid
<b>EXTENDED BATTERY CAPABILITY</b>	Add up to 12 EBMs, part # 9PXEBM240RTG2

## Electrical input

<b>INPUT CONNECTION</b>	Hardwired
<b>INPUT NOMINAL VOLTAGE</b>	208V default (200/208/220/230/240V)
<b>INPUT FREQUENCY RANGE</b>	60 Hz: 50–70 Hz, 50 Hz: 40–60 Hz
<b>INPUT POWER FACTOR</b>	>0.99 typical

## Environmental

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

## Electrical output

<b>RECEPTACLE</b>	(4) L6-30R, Hardwired
<b>TOPOLOGY</b>	Online/Double-conversion
<b>WATTAGE</b>	8 kW
<b>VA RATING</b>	8 kVA
<b>OUTPUT WAVEFORM</b>	True sine wave
<b>VOLTAGE</b>	208 V
<b>OUTPUT POWER FACTOR</b>	1.0 (220V-240V), 0.95 (208V)
<b>OUTPUT NOMINAL VOLTAGE</b>	208V default (200/208/220/230/240/250V)
<b>OUTPUT VOLTAGE RANGE</b>	±1% steady-state
<b>OUTPUT FREQUENCY</b>	50/60 Hz
<b>OUTPUT CAPACITY DETAILS</b>	8000VA / 8000W at 220-240V Output 8000VA / 7600W at 208V Output 8000VA / 7200W at 200V Output

## Communications

<b>EXPANSION SLOTS</b>	(2) Mini-Slot (MS) expansion ports with 1 Gigabit Network Card (NETWORK-M3) included
<b>ETHERNET INTERFACE</b>	Yes
<b>INCLUDES NETWORK CARD</b>	Yes
<b>SOFTWARE COMPATIBILITY</b>	Brightlayer Data Centers suite
<b>USER INTERFACE</b>	Graphical display, 5-button programmable menu, LED indicator

## Additional specifications

<b>SPECIAL FEATURES</b>	Gigabit Network Card (NETWORK-M3) included
<b>RACK SIZE</b>	4U
<b>RACK MOUNTING KIT</b>	Yes
<b>EFFICIENCY AT MAX. LOAD</b>	96.5%
<b>PACKAGE CONTENTS</b>	<ul style="list-style-type: none"><li>8000VA 8000W 208V 9PX G2 Online Double-</li></ul>

- 
- Conversion 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

---

<b>SURGE PROTECTION</b>	Yes
-------------------------	-----

<b>INTERNAL BYPASS</b>	Yes
------------------------	-----

---

## 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-11000UC
- - Expedited parts coverage for 5 years
- - Parts, electronics and UPS batteries coverage
- - Next business day shipping
- - Technical support
- 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

## Resources

3D MODELS	<a href="#">Eaton 9PX G2 UPS 3D model 9PX8KG2 and 9PX11KG2</a>
BROCHURES	<a href="#">9PX G2 3-11kVA VRLA full brochure</a> <a href="#">9PX8KG2 feature focus</a>
DECLARATIONS OF CONFORMITY	<a href="#">Eaton 9PX Gen2 Declaration of Conformity</a>
DRAWINGS	<a href="#">Eaton 9PX G2 UPS 9PX8KG2 9PX11KG2 2D drawing</a> <a href="#">9PX G2 UPS Visio shapes</a>
FLYERS	<a href="#">9PX G2 UPS 2-page flyer, VRLA (3-11 kVA) and lithium-ion (6-11 kVA)</a>
MANUALS AND USER GUIDES	<a href="#">9PX G2 3-11kVA UPS and EBM advanced user guide</a>
PRESENTATIONS	<a href="#">9PX G2 UPS Presentation</a>
SPECIFICATIONS AND DATASHEETS	<a href="#">9PX8KG2 runtime graph</a>
TECHNICAL DATA SHEETS	<a href="#">Eaton 9PX G2 UPS 8-11kVA technical specifications</a>
WARRANTY GUIDES	<a href="#">9PX three year limited warranty</a>
WIRING DIAGRAMS	<a href="#">9PXG2 8-11k UPS with 9PXTFMR11G2 Interconnect diagram</a>
	<a href="#">9PXG2 8-11k UPS with 9PXTFMR5G2 Interconnect diagram</a>
	<a href="#">9PXG2 8-11k UPS with MBP11K208G2 Interconnect diagram</a> <a href="#">9PXG2 8-11k UPS with MBP11K208G2 Interconnect diagram</a>

---

**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.

