

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

PRODUCT NAME	Eaton 9PX UPS
CATALOG NUMBER	9PX8KG2
UPC	786689860110
PRODUCT LENGTH/DEPTH	28.5 in
PRODUCT HEIGHT	6.85 in
PRODUCT WIDTH	17.32 in
PRODUCT WEIGHT	173.72 lb
WARRANTY	3 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 ICC-ES AC156 OSHPD Seismic certified

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-2003 (qty 2 per UPS)
BATTERY TYPE	Sealed, lead-acid
EXTENDED BATTERY CAPABILITY	Add up to 12 EBMs, part # 9PXEBM240RTG2

Electrical input	
INPUT CONNECTION	Hardwired
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: 815 BTU/hr, Battery: 1137 BTU/hr, High Efficiency: 165 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	(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
OUTPUT NOMINAL VOLTAGE	208V default (200/208/220/230/240/250V)
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
FORM FACTOR	Rack/tower
RACK SIZE	4U
RACK MOUNTING KIT	Yes
EFFICIENCY	96.5%
PACKAGE CONTENTS	8000VA 8000W 9PX G2 Online Double-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
SURGE PROTECTION	Yes

INTERNAL BYPASS

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**BROCHURES**[9PX G2 3-11kVA VRLA full brochure](#)[9PX8KG2 feature focus](#)**DRAWINGS**[Eaton 9PX G2 UPS 9PX8KG2 9PX11KG2 2D drawing](#)**SPECIFICATIONS AND DATASHEETS**[9PX8KG2 runtime graph](#)**TECHNICAL DATA SHEETS**[Eaton 9PX G2 UPS 8-11kVA technical specifications](#)**WARRANTY GUIDES**[9PX three year limited warranty](#)**PROJECT NAME:****PROJECT NUMBER:****PREPARED BY:****DATE:**



Eaton Corporation plc

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

© 2025 Eaton. All Rights
Reserved.

Eaton is a registered trademark.

All other trademarks are property of
their respective owners.

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

