

Specifications

Eaton 9PX5KP2G2

Eaton 9PXG2 5000VA 5000W 120/208V
Online Double-Conversion UPS - Hardwired
Input / Output, Cybersecure Network Card,
Maintenance Bypass, 6U Rack/Tower



General specifications

| | |
|----------------------|---|
| PRODUCT NAME | Eaton 9PX UPS |
| CATALOG NUMBER | 9PX5KP2G2 |
| UPC | 037332294289 |
| PRODUCT LENGTH/DEPTH | 27 in |
| PRODUCT HEIGHT | 10.2 in |
| PRODUCT WIDTH | 17.3 in |
| PRODUCT WEIGHT | 203 lb |
| WARRANTY | 3 year limited |
| COMPLIANCES | CISPR22 Class A / FCC part 15 Class A FCC Part 15 CE Marked |
| CERTIFICATIONS | IEC 62040-2:2006 Cat C2 cULus Listed NOM ENERGY STAR 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-1805 (qty 1 per UPS) |
| BATTERY TYPE | Sealed, lead-acid |
| EXTENDED BATTERY CAPABILITY | Add up to 12 EBMs, part # 9PXEBM180RTG2 |

| 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: 655 BTU/hr, Battery: 935 BTU/hr, High Efficiency: 190 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 | Hardwired |
| TOPOLOGY | Online/Double-conversion |
| WATTAGE | 5000W |
| VA RATING | 5000 VA |
| OUTPUT WAVEFORM | True sine wave |
| VOLTAGE | 120/208V |
| OUTPUT POWER FACTOR | 1.0 |
| 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 | 6U |
| RACK MOUNTING KIT | Yes |
| EFFICIENCY | 96% |
| PACKAGE CONTENTS | <ul style="list-style-type: none">• 5000VA 5000W 9PX G2 Online Double-Conversion UPS• 9PXPPDM2G2 PowerPass distribution module• 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-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

Resources

BROCHURES

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

[9PX5KP2G2 Feature Focus](#)

DRAWINGS

[Eaton 9PX G2 9PXPPDM2G2 2D drawing](#)

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

SPECIFICATIONS AND DATASHEETS

[9PX5KP2G2 runtime graph](#)

TECHNICAL DATA SHEETS

[Eaton 9PX G2 UPS 5-6kVA 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.

