

# Specifications

Photo is representative

## Eaton 9PX5KIRTNBPG2

Eaton 9PX Gen2 UPS HotSwap Netpack, 5000 VA, 5000 W, Input: Hardwired, Outputs: (2) C13, (3) C39, Hardwired, Rack/tower, 3U, Gigabit Network card included, Rack-mounting kit included, Maintenance bypass included

### General Specifications

|                             |                                                                                                                                |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton 9PX Gen2 UPS                                                                                                             |
| <b>CATALOG NUMBER</b>       | 9PX5KIRTNBPG2                                                                                                                  |
| <b>PRODUCT LENGTH/DEPTH</b> | 684 mm                                                                                                                         |
| <b>PRODUCT HEIGHT</b>       | 130 mm                                                                                                                         |
| <b>PRODUCT WIDTH</b>        | 440 mm                                                                                                                         |
| <b>PRODUCT WEIGHT</b>       | 45.1 kg                                                                                                                        |
| <b>WARRANTY</b>             | 3 year on electronics, 2 year on battery                                                                                       |
| <b>COMPLIANCES</b>          | LVD Directive (CB)<br>EMC Directive<br>RoHS Directive<br>REACH<br>WEEE Directive<br>Packaging Directive<br>Batteries Directive |
| <b>CERTIFICATIONS</b>       | IEC/EN 62040-1<br>IEC/EN 62040-2<br>IEC/EN 62040-3<br>ENERGY STAR certified<br>CE<br>cULus<br>UKCA<br>Cm<br>Ukr<br>RCM         |
| <b>EAN</b>                  | 3553340710568                                                                                                                  |
| <b>MODEL CODE</b>           | Eaton 9PX 5000i RT3U<br>HotSwap Netpack G2                                                                                     |

## Product specifications

### SPECIAL FEATURES

- Double conversion topology
- Constantly regulates voltage and frequency
- Up to 96.7% Energy efficient, Energy Star qualified, reduce energy and cooling costs
- 3U form factor
- Provides more real power (watts) to protect more equipment with a unity power factor
- Internal bypass allows service continuity in case of UPS fault
- Graphical LCD display
- Network card and rackmounting kit delivered as standard
- External Maintenance Bypass delivered as standard
- Compatible with Virtual environments
- Meter energy consumption (at the UPS level)
- Hot swappable batteries

## Resources

### BROCHURES

[Eaton 9PX Gen2 EMEA Brochure - EN](#)

|                   |                                                                                  |
|-------------------|----------------------------------------------------------------------------------|
| TOPOLOGY          | Online/Double-conversion                                                         |
| FORM FACTOR       | Rack/tower                                                                       |
| RACK SIZE         | 3U                                                                               |
| CONSTRUCTION TYPE | 482.6 mm (19 inch) device                                                        |
| COLOR             | Black/silver                                                                     |
| VA RATING         | 5000 VA                                                                          |
| WATTAGE           | 5000W                                                                            |
| RACK MOUNTING KIT | Yes                                                                              |
| PACKAGE CONTENTS  | <ul style="list-style-type: none"><li>• UPS</li><li>• (2) cable glands</li></ul> |

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                    | <ul style="list-style-type: none"> <li>• (2) IEC-IEC output cables (1,2m)</li> <li>• USB cable (1,8m)</li> <li>• Network Management Card</li> <li>• Maintenance Bypass</li> <li>• Supports for tower mounting</li> <li>• Rack-mounting kit with brackets and slides for UPS</li> <li>• Mounting kit for Maintenance Bypass</li> <li>• Safety instructions</li> <li>• Quickstart guide</li> </ul> |
| <b>INTERNAL BYPASS</b>             | Yes                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>HOT SWAP POWER</b>              | Yes                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>AUTO SHUTDOWN FUNCTION</b>      | Yes                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>PRIMARY FREQUENCY - MAX</b>     | 70 Hz                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>PRIMARY FREQUENCY - MIN</b>     | 40 Hz                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>INPUT CONNECTION</b>            | Hardwired/fixed connection                                                                                                                                                                                                                                                                                                                                                                       |
| <b>INPUT NOMINAL VOLTAGE</b>       | 230V default<br>(200/208/220/230/240V)                                                                                                                                                                                                                                                                                                                                                           |
| <b>NOMINAL FREQUENCY</b>           | 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>INPUT FREQUENCY RANGE</b>       | 40-70 Hz                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>INPUT POWER FACTOR</b>          | >.99                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>RECEPTACLE</b>                  | (6) C13, (6) C39, Hardwired                                                                                                                                                                                                                                                                                                                                                                      |
| <b>NUMBER OF OUTPUTS C13</b>       | 6                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>NUMBER OF OUTPUTS C19</b>       | 6                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>NUMBER OF OUTPUTS HARDWIRED</b> | 1                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>OUTPUT WAVEFORM</b>             | Sine wave                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>VOLTAGE</b>                     | 230V                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>OUTPUT NOMINAL VOLTAGE</b>      | 230V default<br>(200/208/220/230/240V)                                                                                                                                                                                                                                                                                                                                                           |
| <b>FEED TYPE</b>                   | 1                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>VOLTAGE TYPE</b>                | AC                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>RUNTIME GRAPH</b>               | <a href="#">View runtime graph</a>                                                                                                                                                                                                                                                                                                                                                               |

**BATTERY MANAGEMENT**

- ABM+ (Predictive battery life) & Temperature compensated charging method (user selectable)
- Automatic battery test
- Deep discharge protection
- Automatic recognition of external battery units

**BATTERY REPLACEMENT**

Hot-swappable internal batteries and extended battery modules (EBMs)

**BATTERY RATING**

12 V / 5 Ah

**BATTERY TYPE**

Sealed, lead-acid

**EXTENDED BATTERY CAPABILITY**

Yes

**RUNTIME AT HALF LOAD**

9.4 min

**COMMUNICATION**

- USB port (HID compliant)
- Serial port (RS232)
- Mini terminal block for remote On/Off
- Mini-terminal block for remote power off
- Mini-terminal block for dry contacts outputs (2 contacts)
- Network card

**EXPANSION SLOTS**

One slot, network card included

**ETHERNET INTERFACE**

Yes

**INCLUDES NETWORK CARD**

Yes

**SOFTWARE COMPATIBILITY**

Eaton Brlightlayer Software suite

**USER INTERFACE**

Multilingual graphical LCD display

**TYPE OF INTERFACE**

Other

**POTENTIAL FREE SWITCH CONTACT**

Yes

**ALTITUDE**

3000 m

|                                                      |                                     |
|------------------------------------------------------|-------------------------------------|
| <b>BTU RATING</b>                                    | Online: 563 BTU/hr                  |
| <b>NOISE LEVEL</b>                                   | <40 dB at 1 meter                   |
| <b>RELATIVE HUMIDITY</b>                             | 0-95% non-condensing                |
| <b>TEMPERATURE RANGE</b>                             | 0° to 40°C (32° to 104°F)           |
| <b>PROTOCOL</b>                                      | SNMP                                |
| <b>INTEGRATED FUNCTIONALITY</b>                      | Network Mangement                   |
| <b>INPUT VOLTAGE - MAX</b>                           | 276 V                               |
| <b>INPUT VOLTAGE - MIN</b>                           | 100 V                               |
| <b>OUTPUT VOLTAGE - MAX</b>                          | 240 V                               |
| <b>OUTPUT VOLTAGE - MIN</b>                          | 200 V                               |
| <b>SECONDARY FREQUENCY - MAX</b>                     | 60 Hz                               |
| <b>SECONDARY FREQUENCY - MIN</b>                     | 50 Hz                               |
| <b>BATTERY QUANTITY</b>                              | 15                                  |
| <b>EFFICIENCY</b>                                    | 96.7                                |
| <b>EFFICIENCY (ECO-MODE)</b>                         | 99                                  |
| <b>INPUT VOLTAGE RANGE</b>                           | 176-276 V (100-276 V with derating) |
| <b>MAX NUMBER OF BATTERY PACKS</b>                   | 12                                  |
| <b>OUTPUT FREQUENCY</b>                              | 50/60 Hz                            |
| <b>OUTPUT POWER FACTOR</b>                           | 1                                   |
| <b>OUTPUT VOLTAGE RANGE</b>                          | 200/208/220/230/240 V +/- 1%        |
| <b>PHASE (INPUT)</b>                                 | 1                                   |
| <b>PHASE (OUTPUT)</b>                                | 1                                   |
| <b>RUNTIME AT FULL LOAD</b>                          | 3.5 min                             |
| <b>VOLTAGE DISTORTION OUTPUT (LINEAR LOAD) - MAX</b> | 1                                   |
| <b>COMMUNICATION INTERFACE</b>                       | USB<br>RS232                        |
| <b>POWER CONSUMPTION</b>                             | 165 W                               |

|                 |
|-----------------|
| 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.

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

