

# Specifications



Photo is representative



## Eaton 5PX3000IRT3UG2

Eaton 5PX Gen2 UPS, 3000 VA, 3000 W,  
Input: C20, Output: (8) C13, (2) C19,  
Rack/tower, 3U

### General specifications

|                             |                                                                                                      |
|-----------------------------|------------------------------------------------------------------------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton 5PX Gen2 UPS                                                                                   |
| <b>CATALOG NUMBER</b>       | 5PX3000IRT3UG2                                                                                       |
| <b>UPC</b>                  | 743172104892                                                                                         |
| <b>PRODUCT LENGTH/DEPTH</b> | 483 mm                                                                                               |
| <b>PRODUCT HEIGHT</b>       | 129 mm                                                                                               |
| <b>PRODUCT WIDTH</b>        | 438 mm                                                                                               |
| <b>PRODUCT WEIGHT</b>       | 31.1 kg                                                                                              |
| <b>WARRANTY</b>             | 3 year on electronics, 2 year on battery                                                             |
| <b>COMPLIANCES</b>          | IEC/EN 62040-1<br>IEC/EN 62040-2<br>IEC/EN 62040-3<br>RoHS Compliant<br>REACH<br>UL 1778<br>CSA 22.2 |
| <b>CERTIFICATIONS</b>       | CE<br>cTUVus<br>EAC<br>Cm<br>UKCA<br>Ukr<br>KCC<br>ENERGY STAR certified                             |
| <b>MODEL CODE</b>           | Eaton 5PX 3000i RT3U G2                                                                              |



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## Additional specifications

|                         |                                                                                                                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CONSTRUCTION TYPE       | 482.6 mm (19 inch) device                                                                                                                                                                                                                                                                           |
| PACKAGE CONTENTS        | <ul style="list-style-type: none"><li>• Input cable</li><li>• Rack-mounting kit</li><li>• (2) Supports for tower mounting</li><li>• Cable locking system</li><li>• USB cable</li><li>• Serial cable</li><li>• (2) IEC-IEC cables</li><li>• Quickstart guide</li><li>• Safety instructions</li></ul> |
| PHASE (OUTPUT)          | 1                                                                                                                                                                                                                                                                                                   |
| AUTO SHUTDOWN FUNCTION  | Yes                                                                                                                                                                                                                                                                                                 |
| COLOR                   | Black/silver                                                                                                                                                                                                                                                                                        |
| EFFICIENCY AT MAX. LOAD | 98                                                                                                                                                                                                                                                                                                  |
| RACK MOUNTING KIT       | Yes                                                                                                                                                                                                                                                                                                 |
| PHASE (INPUT)           | 1                                                                                                                                                                                                                                                                                                   |

## Communications

|                               |                                                                                                                                                                                                                                                                                            |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| INCLUDES NETWORK CARD         | No                                                                                                                                                                                                                                                                                         |
| COMMUNICATION                 | <ul style="list-style-type: none"><li>• USB port (HID compliant)</li><li>• Serial port (RS232)</li><li>• Mini-terminal block for remote On/Off and Remote Power Off</li><li>• Mini-terminal block for output relay</li><li>• Dry contacts (3 outputs, 1 input, optocoupler, DB9)</li></ul> |
| USER INTERFACE                | Multilingual graphical LCD display                                                                                                                                                                                                                                                         |
| POTENTIAL FREE SWITCH CONTACT | Yes                                                                                                                                                                                                                                                                                        |
| EXPANSION SLOTS               | One slot for optional communication card                                                                                                                                                                                                                                                   |
| SOFTWARE COMPATIBILITY        | Eaton Intelligent Power Manager, Eaton Intelligent Power Protector                                                                                                                                                                                                                         |
| TYPE OF INTERFACE             | Other                                                                                                                                                                                                                                                                                      |

## Battery

|                             |                                                                                                                                                                     |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BATTERY TYPE                | Lead-acid maintenance-free (replaceable)                                                                                                                            |
| RUNTIME GRAPH               | \$row.attributeValue.cdata                                                                                                                                          |
| BATTERY REPLACEMENT         | User replaceable                                                                                                                                                    |
| BATTERY QUANTITY            | 6                                                                                                                                                                   |
| BATTERY MANAGEMENT          | ABM & Temperature compensated charging method (user selectable), Automatic battery test, deep discharge protection, automatic recognition of external battery units |
| BATTERY RATING              | 12 V / 9 Ah                                                                                                                                                         |
| EXTENDED BATTERY CAPABILITY | Yes                                                                                                                                                                 |

## Electrical input

|                       |                                                                                   |
|-----------------------|-----------------------------------------------------------------------------------|
| INPUT CONNECTION      | C20                                                                               |
| INPUT NOMINAL VOLTAGE | 230V default (200/208/220/230/240V)                                               |
| NOMINAL FREQUENCY     | 50-60 Hz                                                                          |
| INPUT CORD LENGTH     | 1.8m                                                                              |
| INPUT VOLTAGE RANGE   | 160-294 V (adjustable to 150 V-294 V)                                             |
| INPUT FREQUENCY RANGE | 47-70 Hz (50 Hz system), 56.5-70 Hz (60 Hz system), 40 Hz in low sensitivity mode |

## Electrical output

|                                                     |                                        |
|-----------------------------------------------------|----------------------------------------|
| RECEPTACLE                                          | (8) C13, (2) C19                       |
| VOLTAGE                                             | 230V                                   |
| WATTAGE                                             | 3000 W                                 |
| OUTPUT POWER FACTOR                                 | 1                                      |
| OUTPUT VOLTAGE RANGE                                | 230 V (+6%/-10%)                       |
| OUTPUT WAVEFORM                                     | Sine wave                              |
| OUTPUT NOMINAL VOLTAGE                              | 230V default<br>(200/208/220/230/240V) |
| VOLTAGE DISTORTION<br>OUTPUT (LINEAR LOAD) -<br>MAX | 0                                      |
| FEED TYPE                                           | 1                                      |
| TOPOLOGY                                            | Line-interactive                       |
| VA RATING                                           | 3000 VA                                |

## Environmental

|                   |                                                                         |
|-------------------|-------------------------------------------------------------------------|
| ALTITUDE          | 3000 m                                                                  |
| NOISE LEVEL       | <40 dB at 1 meter                                                       |
| TEMPERATURE RANGE | 0° to 40°C (32° to 104°F),<br>batteries recommended<br>max. 25°C (77°F) |
| RELATIVE HUMIDITY | 0-90% non-condensing                                                    |

## Resources

|                         |                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------|
| BROCHURES               | <a href="#">Eaton UPS and battery services - EN</a><br><a href="#">Eaton UPS Services Quick Guide - EN</a>   |
| COMPLIANCE INFORMATION  | <a href="#">Eaton 5PX Gen2 - EU Declaration of Conformity</a>                                                |
| MANUALS AND USER GUIDES | <a href="#">Eaton 5PX Gen2 - Quickstart guide</a><br><a href="#">Eaton 5PX Gen2 - Advanced User Guide_EN</a> |

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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