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## Eaton 5PX1000IRT2UG2

Eaton 5PX Gen2 UPS, 1000 VA, 1000 W,  
Input: C14, Output: (8) C13, Rack/tower, 2U

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|                             |                                                                                                      |
|-----------------------------|------------------------------------------------------------------------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton 5PX Gen2 UPS                                                                                   |
| <b>CATALOG NUMBER</b>       | 5PX1000IRT2UG2                                                                                       |
| <b>UPC</b>                  | 743172104731                                                                                         |
| <b>PRODUCT LENGTH/DEPTH</b> | 448 mm                                                                                               |
| <b>PRODUCT HEIGHT</b>       | 85.5 mm                                                                                              |
| <b>PRODUCT WIDTH</b>        | 438 mm                                                                                               |
| <b>PRODUCT WEIGHT</b>       | 19.6 kg                                                                                              |
| <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>ENERGY STAR certified                                    |



Powering Business Worldwide

**SPECIAL FEATURES**

- Automatic Voltage Regulation (AVR)
- Energy efficient, reduce energy and cooling costs
- Delivers clean sinewave output
- Provides more real power (watts) to protect more equipment with a Unity power factor (VA=W)
- LCD display for real-time status and measurements
- Long backup time with up to 4 optional EBM
- Meter energy consumption (down to the managed outlet groups)
- Versatile product for rack or tower installation
- 1 slot for optional com card (Network management card, Relay card or Network and Industrial card)
- Compatible with Virtual environments (VMware, Hyper-V, Citrix Xen, Redhat)
- 1 USB port + 1 serial port

|                          |                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>TOPOLOGY</b>          | Line-interactive                                                                                              |
| <b>FORM FACTOR</b>       | Rack/tower                                                                                                    |
| <b>RACK SIZE</b>         | 2U                                                                                                            |
| <b>CONSTRUCTION TYPE</b> | 482.6 mm (19 inch) device                                                                                     |
| <b>COLOR</b>             | Black/silver                                                                                                  |
| <b>VA RATING</b>         | 1000 VA                                                                                                       |
| <b>WATTAGE</b>           | 1000 W                                                                                                        |
| <b>RACK MOUNTING KIT</b> | Yes                                                                                                           |
| <b>PACKAGE CONTENTS</b>  | <ul style="list-style-type: none"><li>• Rack-mounting kit</li><li>• (2) Supports for tower mounting</li></ul> |

|                                                              |                                                                                                                                                                                                                |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                              | <ul style="list-style-type: none"> <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> |
| <b>AUTO SHUTDOWN FUNCTION</b>                                | Yes                                                                                                                                                                                                            |
| <b>PRIMARY FREQUENCY - MAX</b>                               | 70 Hz                                                                                                                                                                                                          |
| <b>PRIMARY FREQUENCY - MIN</b>                               | 47 Hz                                                                                                                                                                                                          |
| <b>INPUT CONNECTION</b>                                      | C14                                                                                                                                                                                                            |
| <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>                                 | 47-70 Hz (50 Hz system),<br>56.5-70 Hz (60 Hz system),<br>40 Hz in low sensitivity mode                                                                                                                        |
| <b>RECEPTACLE</b>                                            | (8) C13                                                                                                                                                                                                        |
| <b>NUMBER OF OUTPUT CONNECTIONS FRENCH STANDARD (TYPE E)</b> | 0                                                                                                                                                                                                              |
| <b>NUMBER OF OUTPUTS C13</b>                                 | 8                                                                                                                                                                                                              |
| <b>NUMBER OF OUTPUTS C19</b>                                 | 0                                                                                                                                                                                                              |
| <b>NUMBER OF OUTPUTS HARDWIRED</b>                           | 0                                                                                                                                                                                                              |
| <b>NUM OF OUTPUTS PC (SCHUKO)</b>                            | 0                                                                                                                                                                                                              |
| <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>                                         | \$row.attributeValue.cdata                                                                                                                                                                                     |
| <b>BATTERY MANAGEMENT</b>                                    | ABM & Temperature compensated charging method (user selectable), Automatic battery test, deep discharge protection, automatic recognition of external battery units                                            |
| <b>BATTERY REPLACEMENT</b>                                   | User replaceable                                                                                                                                                                                               |
| <b>BATTERY RATING</b>                                        | 12 V / 7 Ah                                                                                                                                                                                                    |

|                                      |                                                                                                                                                                                                                                                                                                  |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>BATTERY TYPE</b>                  | Lead-acid maintenance-free (replaceable)                                                                                                                                                                                                                                                         |
| <b>EXTENDED BATTERY CAPABILITY</b>   | Yes                                                                                                                                                                                                                                                                                              |
| <b>RUNTIME AT HALF LOAD</b>          | 17 min                                                                                                                                                                                                                                                                                           |
| <b>COMMUNICATION</b>                 | <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> |
| <b>EXPANSION SLOTS</b>               | One slot for optional communication card                                                                                                                                                                                                                                                         |
| <b>INCLUDES NETWORK CARD</b>         | No                                                                                                                                                                                                                                                                                               |
| <b>SOFTWARE COMPATIBILITY</b>        | Eaton Intelligent Power Manager, Eaton Intelligent Power Protector                                                                                                                                                                                                                               |
| <b>USER INTERFACE</b>                | Multilingual graphical LCD display                                                                                                                                                                                                                                                               |
| <b>TYPE OF INTERFACE</b>             | Other                                                                                                                                                                                                                                                                                            |
| <b>POTENTIAL FREE SWITCH CONTACT</b> | Yes                                                                                                                                                                                                                                                                                              |
| <b>ALTITUDE</b>                      | 3000 m                                                                                                                                                                                                                                                                                           |
| <b>NOISE LEVEL</b>                   | <40 dB at 1 meter                                                                                                                                                                                                                                                                                |
| <b>RELATIVE HUMIDITY</b>             | 0-90% non-condensing                                                                                                                                                                                                                                                                             |
| <b>TEMPERATURE RANGE</b>             | 0° to 40°C (32° to 104°F), batteries recommended max. 25°C (77°F)                                                                                                                                                                                                                                |
| <b>INPUT VOLTAGE - MAX</b>           | 294 V                                                                                                                                                                                                                                                                                            |
| <b>INPUT VOLTAGE - MIN</b>           | 150 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>              | 4                                                                                                                                                                                                                                                                                                |
| <b>EFFICIENCY AT MAX. LOAD</b>       | 98                                                                                                                                                                                                                                                                                               |
| <b>EFFICIENCY (ECO-MODE)</b>         | 0                                                                                                                                                                                                                                                                                                |
| <b>INPUT VOLTAGE RANGE</b>           | 160-294 V (adjustable to 150 V-294 V)                                                                                                                                                                                                                                                            |

|                                               |                  |
|-----------------------------------------------|------------------|
| MAX NUMBER OF BATTERY PACKS                   | 4                |
| OUTPUT FREQUENCY                              | 50/60 Hz         |
| OUTPUT POWER FACTOR                           | 1                |
| OUTPUT VOLTAGE RANGE                          | 230 V (+6%/-10%) |
| PHASE (INPUT)                                 | 1                |
| PHASE (OUTPUT)                                | 1                |
| VOLTAGE DISTORTION OUTPUT (LINEAR LOAD) - MAX | 0                |
| POWER CONSUMPTION                             | 20 W             |

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|-----------------|
| PROJECT NAME:   |
| PROJECT NUMBER: |
| PREPARED BY:    |
|                 |



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