# Specifications



Photo is representative





## Eaton 5SC1000IR

Eaton 5SC UPS, 1000 VA, 700 W, Input: C14, Outputs: (8) C13, Rack, 2U

| General specifications | |
|---|---|
| **PRODUCT NAME** | Eaton 5SC UPS |
| **CATALOG NUMBER** | 5SC1000IR |
| **UPC** | 743172088321 |
| **PRODUCT LENGTH/DEPTH** | 405 mm |
| **PRODUCT HEIGHT** | 86.2 mm |
| **PRODUCT WIDTH** | 440 mm |
| **PRODUCT WEIGHT** | 14.96 kg |
| **COMPLIANCES** | CE Marked<br>TUV |
| **CERTIFICATIONS** | UL 1778<br>IEC/EN 62040-1<br>IEC/EN 62040-2<br>CE<br>EAC<br>cTUVus |
| **GLOBAL CATALOG** | 5SC1000IR |
| **PRODUCT TYPE** | UPS |

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## Product specifications

| | |
|---|---|
| **SPECIAL FEATURES** | • Automatic Voltage Regulation (AVR)<br>• Delivers clean sinewave output<br>• LCD display for real-time status and measurements<br>• Reliable and affordable UPS for rack servers, networking and storage<br>• Compatible with 500 mm depth enclosures<br>• 1 slot for optional com card (Network management card, Relay card or Network and Industrial card)<br>• Compatible with Virtual environments (VMware, Hyper-V, Citrix Xen, Redhat)<br>• Fully integrates with Eaton Intelligent Power Manager software<br>• 1 USB port + 1 serial port<br>• Advanced Battery Management (ABM) technology to increase battery lifetime<br>• Hot swappable batteries<br>• Remote ON/OFF and remote Power OFF connectors<br>• Cable locking system |
| **TOPOLOGY** | Line-interactive |
| **RACK SIZE** | 2U |
| **CONSTRUCTION TYPE** | 482.6 mm (19 inch) device |
| **COLOR** | Black |
| **ENCLOSURE** | Black |
| **VA RATING** | 1000 VA |
| **WATTAGE** | 700 W |
| **RACK MOUNTING KIT** | Yes |

## Resources

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|---|---|
| BROCHURES | Eaton UPS and battery services - EN<br>Eaton UPS Services Quick Guide - EN |
| SPECIFICATIONS AND DATASHEETS | Eaton Specification Sheet - 5SC1000IR |

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| **PACKAGE CONTENTS** | • Rack-mounting kit<br>• Cable locking system<br>• USB cable<br>• Serial cable<br>• (2) IEC-IEC cables<br>• Quickstart guide<br>• Safety instructions<br>• |
| **AUTO SHUTDOWN FUNCTION** | Yes |
| **PRIMARY FREQUENCY - MAX** | 65 Hz |
| **PRIMARY FREQUENCY - MIN** | 45 Hz |
| **INPUT CONNECTION** | C14 |
| **NOMINAL FREQUENCY** | 50-60 Hz |
| **INPUT FREQUENCY RANGE** | 45-55 Hz (50 Hz system), 55-65 Hz (60 Hz system) |
| **RECEPTACLE** | (8) C13 |
| **NUMBER OF OUTPUTS C13** | 8 |
| **OUTPUT WAVEFORM** | Sine wave |
| **VOLTAGE** | 230V |
| **OUTPUT NOMINAL VOLTAGE** | 230V default (220/230/240V) |
| **FEED TYPE** | 1 |
| **VOLTAGE TYPE** | AC |
| **RUNTIME GRAPH** | $row.attributeValue.cdata |
| **BATTERY MANAGEMENT** | ABM or constant voltage charging method (user selectable), automatic battery test, deep discharge protection |
| **BATTERY REPLACEMENT** | User replaceable |
| **BATTERY RATING** | 12 V / 9 Ah |
| **BATTERY TYPE** | Lead-acid maintenance-free (replaceable) |
| **EXTENDED BATTERY CAPABILITY** | No |
| **RUNTIME AT HALF LOAD** | 11.5 min |
| **COMMUNICATION** | • USB port (HID compliant)<br>• Serial port (RS232)<br>• Mini-terminal block for remote On/Off and Remote Power Off |

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|---|---|
| | • Dry contacts (2 outputs, optocoupler, RJ) |
| **EXPANSION SLOTS** | One slot for optional communication card |
| **ETHERNET INTERFACE** | No |
| **INCLUDES NETWORK CARD** | No |
| **SOFTWARE COMPATIBILITY** | Eaton Intelligent Power Manager, Eaton Intelligent Power Protector |
| **USER INTERFACE** | LCD Display |
| **TYPE OF INTERFACE** | Other |
| **POTENTIAL FREE SWITCH CONTACT** | Yes |
| **ALTITUDE** | 3000 m |
| **BTU RATING** | Online: 143 |
| **NOISE LEVEL** | <40 dB at 1 meter |
| **RELATIVE HUMIDITY** | 0-90% non-condensing |
| **TEMPERATURE RANGE** | 0-90% non-condensing |
| **INPUT VOLTAGE - MAX** | 276 V |
| **INPUT VOLTAGE - MIN** | 184 V |
| **OUTPUT VOLTAGE - MAX** | 240 V |
| **OUTPUT VOLTAGE - MIN** | 220 V |
| **SECONDARY FREQUENCY - MAX** | 60 Hz |
| **SECONDARY FREQUENCY - MIN** | 50 Hz |
| **BATTERY QUANTITY** | 2 |
| **EFFICIENCY AT MAX. LOAD** | 96 |
| **INPUT VOLTAGE RANGE** | 184-276 V |
| **OUTPUT FREQUENCY** | 50/60 Hz |
| **OUTPUT POWER FACTOR** | 0.7 |
| **OUTPUT VOLTAGE RANGE** | 230 V (+6%/-10%) |
| **PHASE (INPUT)** | 1 |
| **PHASE (OUTPUT)** | 1 |
| **RUNTIME AT FULL LOAD** | 5 min |
| **POWER CONSUMPTION** | 35 W |
| **INPUT NOMINAL VOLTAGE** | 230V default (220/230/240V) |

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

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