

# Specifications

## Eaton 5P1150IRNG2

Eaton 5P Gen2 UPS, 1150 VA, 920 W, Input: C14, Outputs: (6) C13, Rack, 1U, Network card



### General specifications

PRODUCT NAME	Eaton 5P Gen2 UPS
CATALOG NUMBER	5P1150IRNG2
EAN	3553340710407
PRODUCT LENGTH/DEPTH	509 mm
PRODUCT HEIGHT	43.2 mm
PRODUCT WIDTH	438 mm
PRODUCT WEIGHT	14.28 kg
WARRANTY	3 year on electronics, 2 year on battery
COMPLIANCES	LVD Directive (CB) EMC Directive RoHS Directive WEEE Directive Packaging Directive Batteries Directive
CERTIFICATIONS	IEC/EN 62040-1 IEC/EN 62040-2 IEC/EN 62040-3 UL 1778 CSA-C22.2 CE UKCA Cm Ukr KCC cTUVus BIS

## Product specifications

### SPECIAL FEATURES

- Automatic Voltage Regulation (AVR)
- High-density protection for networks: 1U only
- Energy efficient, reduce energy and cooling costs
- Delivers clean sinewave output
- 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)
- Fully integrates with Eaton Brightlayer Software suite
- 1 USB port + 1 serial port
- Advanced Battery Management (ABM+) technology to increase battery lifetime and improve life time prediction accuracy
- Next-generation graphical LCD display
- Hot swappable batteries
- Remote reboot and runtime optimization thanks to 2 manageable outlet groups
- Network card included

<b>TOPOLOGY</b>	Line-interactive
<b>FORM FACTOR</b>	Rack
<b>RACK SIZE</b>	1U
<b>CONSTRUCTION TYPE</b>	482.6 mm (19 inch) device
<b>COLOR</b>	Black/silver
<b>ENCLOSURE</b>	Black/silver
<b>VA RATING</b>	1150 VA
<b>WATTAGE</b>	920
<b>RACK MOUNTING KIT</b>	Yes

### PACKAGE CONTENTS

- Rack-mounting kit
- Cable locking system
- USB cable
- (2) IEC-IEC cables
- Quickstart guide
- Safety instructions
- Network card

<b>AUTO SHUTDOWN FUNCTION</b>	Yes
<b>PRIMARY FREQUENCY -</b>	70 Hz

## Resources

**APPLICATION NOTES** [Runtime graph - 5P1150IRG2](#)

**BROCHURES** [Eaton 5P Gen2 UPS datasheet](#)

**DECLARATIONS OF CONFORMITY** [EU Declaration of conformity Eaton 5P Gen2 UPS](#)

**MANUALS AND USER GUIDES** [Eaton 5P Gen2 Quick Start Guide](#)

[Eaton 5P Gen2 Rack - Advanced user guide](#)

<b>MAX</b>	
<b>PRIMARY FREQUENCY - MIN</b>	47 Hz
<b>INPUT CONNECTION</b>	C14
<b>INPUT NOMINAL VOLTAGE</b>	230V default (200/208/220/230/240V)
<b>NOMINAL FREQUENCY</b>	50-60 Hz
<b>INPUT FREQUENCY RANGE</b>	47-70 Hz (50 Hz system), 56.5-70 Hz (60 Hz system), 40 Hz in low sensitivity mode
<b>RECEPTACLE</b>	(6) C13
<b>NUMBER OF OUTPUTS C13</b>	6
<b>OUTPUT WAVEFORM</b>	Sine wave
<b>VOLTAGE</b>	230V
<b>OUTPUT NOMINAL VOLTAGE</b>	230V default (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 or constant voltage charging method (user selectable), automatic battery test, deep discharge protection
<b>BATTERY REPLACEMENT</b>	User replaceable
<b>BATTERY RATING</b>	6 V / 9 Ah
<b>BATTERY TYPE</b>	Lead-acid maintenance-free (replaceable)
<b>EXTENDED BATTERY CAPABILITY</b>	No
<b>RUNTIME AT HALF LOAD</b>	12.5 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>• Dry contacts (2 outputs, optocoupler, RJ)</li> </ul>
<b>EXPANSION SLOTS</b>	One slot for optional communication card
<b>ETHERNET INTERFACE</b>	Yes
<b>INCLUDES NETWORK CARD</b>	Yes
<b>SOFTWARE COMPATIBILITY</b>	Eaton Brightlayer Software suite
<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>BTU RATING</b>	Online: 63, Battery: 465 BTU/hr
<b>NOISE LEVEL</b>	<35 dB at 1 meter
<b>RELATIVE HUMIDITY</b>	0-90% non-condensing
<b>TEMPERATURE RANGE</b>	0° to 40°C (32° to 104°F)
<b>INTEGRATED FUNCTIONALITY</b>	Network Mangement
<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</b>	98,2
<b>INPUT VOLTAGE RANGE</b>	160-294 V (adjustable to 150 V-294 V)
<b>OUTPUT FREQUENCY</b>	50/60 Hz
<b>OUTPUT POWER FACTOR</b>	0,8
<b>OUTPUT VOLTAGE RANGE</b>	230 V (+6%/-10%)
<b>PHASE (INPUT)</b>	1
<b>PHASE (OUTPUT)</b>	1
<b>RUNTIME AT FULL LOAD</b>	3
<b>COMMUNICATION INTERFACE</b>	RS232 USB
<b>POWER CONSUMPTION</b>	17 W
<b>USB INTERFACE</b>	Yes
<b>WITH COMMUNICATION INTERFACE RS-232</b>	Yes

<b>PROJECT NAME:</b>
<b>PROJECT NUMBER:</b>
<b>PREPARED BY:</b>
<b>DATE:</b>



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