

# Eaton 5P650IRNG2

Catalog Number: 5P650IRNG2

Eaton 5P Gen2 UPS, 650 VA, 520 W, Input: C14, Outputs: (4) C13, Rack, 1U, Network card

## General specifications



Product Name

Eaton 5P Gen2 UPS

Catalog Number

5P650IRNG2

EAN

3553340710384

Product Length/Depth

361 mm

Product Height

43.2 mm

Product Width

438 mm

Product Weight

8.6 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

## Battery

### Runtime graph

View runtime graph

### Battery type

Lead-acid maintenance-free (replaceable)

### Battery replacement

User replaceable

### Battery quantity

2

### Battery management

ABM or constant voltage charging method (user selectable),  
automatic battery test, deep discharge protection

### Battery rating

6 V / 9 Ah

### Extended battery capability

No

## Electrical output

### Voltage

230V

### Receptacle

(4) C13

### Wattage

520 W

### Output voltage range

230 V (+6%/-10%)

### Output frequency

50/60 Hz

### Output nominal voltage

230V default (200/208/220/230/240V)

### Topology

Line-interactive

## Electrical input

### Input connection

C14

### Input nominal voltage

230V default (200/208/220/230/240V)

### Nominal frequency

50-60 Hz

### 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

## Communications

### Communication

USB port (HID compliant)

Serial port (RS232)

Mini-terminal block for

remote On/Off and Remote

## Environmental

### Altitude

3000 m

### Noise level

<35 dB at 1 meter

### Temperature range

Power Off	0° to 40°C (32° to 104°F)
Dry contacts (2 outputs, optocoupler, RJ)	<b>BTU Rating</b>
	Online: 53, Battery: 461 BTU/hr
<b>Ethernet interface</b>	<b>Relative humidity</b>
Yes	0-90% non-condensing
<b>Potential free switch contact</b>	<b>Additional specifications</b>
Yes	
<b>Expansion slots</b>	
One slot for optional communication card	
<b>Software compatibility</b>	
Eaton Brightlayer Software suite	<b>Form factor</b>
<b>Type of interface</b>	Rack
Other	<b>Construction type</b>
	482.6 mm (19 inch) device
	<b>Enclosure</b>
	Black/silver
	<b>Package contents</b>
	Rack-mounting kit
	Cable locking system
	USB cable
	(2) IEC-IEC cables
	Quickstart guide
	Safety instructions
	Network card
	<b>Phase (output)</b>
	1
	<b>Auto shutdown function</b>
	Yes
	<b>Rack size</b>
	1U
	<b>Color</b>
	Black/silver
	<b>Rack mounting kit</b>
	Yes
	<b>Efficiency</b>
	97
	<b>Phase (input)</b>
	1



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