

# Eaton 5P650IRBS

Catalog Number: 5P650IRBS

Eaton 5P UPS, 650 VA, 420 W, Input: C14, Outputs: (4) C13, Rack, 1U, with BS input cord

## General specifications



Product Name	Catalog Number
Eaton 5P UPS	5P650IRBS

Model Code	EAN
Eaton 5P 650i Rack1U w/ BS Cord 10A	3553340620133

Product Length/Depth	Product Height
438 mm	43.2 mm

Product Width	Product Weight
364 mm	8.6 kg

Warranty	Compliances
3 year on electronics, 2 year on battery	CE Marked TUV

Certifications

- IEC/EN 62040-1
- UL 1778
- IEC/EN 62040-2
- CE
- EAC
- cTUVus

## Product specifications

### Secondary frequency - max

60 Hz

### Output waveform

Sine wave

### Wattage

420 W

### Output power factor

0.65

### Form factor

Rack

### Enclosure

Black/silver

### Includes network card

No

### Input connection

C14

### Input voltage - min

150 V

### Output voltage - max

240 V

### Secondary frequency - min

50 Hz

### Software compatibility

Eaton Intelligent Power Manager, Eaton Intelligent Power Protector

### Battery replacement

User replaceable

### Battery type

Lead-acid maintenance-free (replaceable)

### Efficiency

96

### Special features

Automatic Voltage Regulation (AVR)

High-density protection for networks: 1U only

Energy efficient, reduce energy and cooling costs

Delivers clean sinewave output

## Resources

### Brochures

[Eaton UPS Services Quick Guide 2021](#)

[Eaton UPS and battery services](#)

### Compliance information

[EC DoC Eaton 5P](#)

### Technical data sheets

[Eaton 5P UPS Datasheet](#)

### User guides

[Eaton 5P UPS Quick Start Guide](#)

[Eaton 5P UPS - Installation and user manual](#)

[Eaton 5P UPS installation and user manual](#)

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 Intelligent Power Manager software

1 USB port + 1 serial port

Advanced Battery Management (ABM) technology to increase battery lifetime

Next-generation graphical LCD display

Hot swappable batteries

Remote reboot and runtime optimization thanks to 2 manageable outlet groups

#### Construction type

482.6 mm (19 inch) device

#### Output voltage - min

200 V

#### Color

Black/silver

#### Extended battery capability

No

#### Output voltage range

230 V (+6%/-10%)

#### Topology

Line-interactive

#### BTU Rating

Online: 85

#### Runtime at half load

9 min

#### Input nominal voltage

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

#### Input frequency range

47-70 Hz (50 Hz system), 56.5-70 Hz (60 Hz system), 40 Hz in low sensitivity mode

#### Input voltage - max

294 V

#### Voltage type

AC

#### Phase (output)

1

#### Battery management

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

#### Auto shutdown function

Yes

#### Number of Outputs C13

4

#### VA rating

650 VA

#### Potential free switch contact

Yes

#### Receptacle

(4) C13

#### Phase (input)

1

#### Package contents

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

BS input cord

#### Noise level

<40 dB at 1 meter

#### Feed type

1

#### Runtime graph

View runtime graph

#### User interface

Multilingual graphical LCD display

#### Battery quantity

1

#### Rack size

1U

#### Voltage

230V

#### Temperature range

0-90% non-condensing

#### Ethernet interface

No

#### Communication

USB port (HID compliant)

Serial port (RS232)

Mini-terminal block for remote On/Off and Remote Power Off

Dry contacts (2 outputs, optocoupler, RJ)

#### Relative humidity

0-90% non-condensing

#### Rack mounting kit

Yes

#### Output frequency

50/60 Hz

#### Runtime at full load

2 min

#### Type of interface

Other

#### Primary frequency - min

47 Hz

#### Battery rating

12 V / 9 Ah

#### Type

UPS

#### Output nominal voltage

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

#### Expansion slots

One slot for optional communication card

#### Input voltage range

160-294 V (adjustable to 150 V-294 V)

#### Nominal frequency

50-60 Hz

#### Primary frequency - max

70 Hz

#### Altitude

2000 m



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