

Eaton 5P850IG2

Catalog Number: 5P850IG2

Eaton 5P Gen2 UPS, 850 VA, 680 W, Input: C14, Outputs: (6) C13, Tower

General specifications

Product Name	Catalog Number
Eaton 5P Gen2 UPS	5P850IG2
EAN	Product Length/Depth
3553340710261	345 mm
Product Height	Product Width
233 mm	150 mm
Product Weight	Warranty
10.2 kg	3 year on electronics, 2 year on battery
Compliances	Certifications
LVD Directive (CB)	IEC/EN 62040-1
EMC Directive	IEC/EN 62040-2
RoHS Directive	IEC/EN 62040-3
WEEE Directive	UL 1778
Packaging Directive	CSA-C22.2
Batteries Directive	CE
	UKCA
	Cm
	Ukr
	KCC
	cTUVus
	BIS

Battery

Battery type

Lead-acid maintenance-free (replaceable)

Runtime graph

[View runtime graph](#)

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

12 V / 7 Ah

Extended battery capability

No

Electrical output

Receptacle

(6) C13

Voltage

230V

Wattage

680 W

Output power factor

0,8

Output voltage range

230 V (+6%/-10%)

Output waveform

Sine wave

Output nominal voltage

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

Feed type

1

Topology

Line-interactive

VA rating

850 VA

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

Includes network card

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)

Ethernet interface

No

User interface

Multilingual graphical LCD display

Potential free switch contact

Yes

Expansion slots

One slot for optional communication card

Software compatibility

Eaton Brightlayer Software suite

Type of interface

Other

Environmental

Altitude

3000 m

Noise level

<35 dB at 1 meter

Temperature range

0° to 40°C (32° to 104°F)

Relative humidity

0-90% non-condensing

Additional specifications

Construction type

Free standing model

Enclosure

Black/silver

Package contents

USB cable

(2) IEC-IEC cables

Quickstart guide

Safety instructions

Phase (output)

1

Auto shutdown function

Yes

Color

Black/silver

Efficiency

98

Rack mounting kit

No

Phase (input)

1

Resources

Application notes

[Runtime graph - 5P850IG2](#)

Brochures

[Eaton 5P Gen2 UPS datasheet](#)

Declarations of conformity

[EU Declaration of conformity Eaton 5P Gen2 UPS](#)

Manuals and user guides

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

[Eaton 5P Gen2 Quick Start Guide](#)



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