

Eaton 5P850IRG2

Catalog Number: 5P850IRG2

Eaton 5P UPS, 850 VA, 680 W, Input: C14, Outputs: (4) C13, Rack, 1U

General specifications



Product Name
Eaton 5P Gen2 UPS

Catalog Number
5P850IRG2

EAN
3553340710308

Product Length/Depth
509 mm

Product Height
43.2 mm

Product Width
438 mm

Product Weight
13.7 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

\$row.attributeValue.cdata

Battery type

Lead-acid maintenance-free (replaceable)

Battery replacement

User replaceable

Battery quantity

4

Battery management

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

Battery rating

6 V / 7 Ah

Extended battery capability

No

Electrical output

Voltage

230V

Receptacle

(4) C13

Wattage

680 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

Dry contacts (2 outputs,
optocoupler, RJ)

Ethernet interface

No

Potential free switch contact

Yes

Expansion slots

One slot for optional communication card

Software compatibility

Eaton Brightlayer Software suite

Type of interface

Other

0-90% non-condensing

BTU Rating

Online: 46, Battery: 307 BTU/hr

Relative humidity

0-90% non-condensing

Additional specifications

Form factor

Rack

Construction type

482.6 mm (19 inch) device

Enclosure

Black/silver

Package contents

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

Phase (output)

1

Auto shutdown function

Yes

Rack size

1U

Color

Black/silver

Rack mounting kit

Yes

Efficiency

98

Phase (input)

1

Application notes

Runtime graph - 5P850IRG2



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