

Eaton 5P850IRNG2

Catalog Number: 5P850IRNG2

Eaton 5P Gen2 UPS, 850 VA, 680 W, Input: C14, Outputs: (4) C13, Rack, 1U, Network card

General specifications



Product Name

Eaton 5P Gen2 UPS

Catalog Number

5P850IRNG2

EAN

3553340710391

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

View runtime graph

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 | 0° to 40°C (32° to 104°F) |
| Dry contacts (2 outputs, optocoupler, RJ) | BTU Rating |
| | Online: 46, Battery: 307 BTU/hr |
| Ethernet interface | Relative humidity |
| Yes | 0-90% non-condensing |
| Potential free switch contact | Additional specifications |
| Yes | |
| Expansion slots | |
| One slot for optional communication card | |
| Software compatibility | |
| Eaton Brightlayer Software suite | Form factor |
| Type of interface | Rack |
| Other | 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 |
| | Network card |
| | Phase (output) |
| | 1 |
| | Auto shutdown function |
| | Yes |
| | Rack size |
| | 1U |
| | Color |
| | Black/silver |
| | Rack mounting kit |
| | Yes |
| | Efficiency |
| | 98 |
| | Phase (input) |
| | 1 |



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