

Energy performance certificate (EPC)

Kings Grove Cranfield MK43 1AJ	Energy rating	Valid until: 21 September 2033
	B	Certificate number: 2600-4422-0632-6022-3173
Property type	Semi-detached house	
Total floor area	86 square metres	

Rules on letting this property

Properties can be let if they have an energy rating from A to E.

You can read [guidance for landlords on the regulations and exemptions \(https://www.gov.uk/guidance/domesticprivate-rented-property-minimum-energy-efficiency-standard-landlord-guidance\)](https://www.gov.uk/guidance/domesticprivate-rented-property-minimum-energy-efficiency-standard-landlord-guidance).

Energy rating and score

Score	Energy rating	Current	Potential
92+	A		95 A
81-91	B	83 B	
69-80	C		
55-68	D		
39-54	E		
21-38	F		
1-20	G		

The graph shows this property's current and

the average energy rating is D
the average energy score is 60

This property's energy rating is B. It has the potential to be A.

potential energy rating.

[See how to improve this property's energy efficiency.](#)

Properties get a rating from A (best) to G (worst) and a score. The better the rating and score, the lower your energy bills are likely to be.

For properties in England and Wales:

Breakdown of property's energy performance

Features in this property

Features get a rating from very good to very poor, based on how energy efficient they are. Ratings are not based on how well features work or their condition.

Assumed ratings are based on the property's age and type. They are used for features the assessor could not inspect.

Feature	Description	Rating
Walls	Average thermal transmittance 0.24 W/m ² K	Very good
Roof	Average thermal transmittance 0.10 W/m ² K	Very good
Floor	Average thermal transmittance 0.22 W/m ² K	Good
Windows	High performance glazing	Very good
Main heating	Boiler and radiators, mains gas	Good
Main heating control	Programmer, room thermostat and TRVs	Good
Hot water	From main system	Good
Lighting	Low energy lighting in all fixed outlets	Very good
Air tightness	Air permeability 5.0 m ³ /h.m ² (as tested)	Good
Secondary heating	None	N/A

Primary energy use

The primary energy use for this property per year is 90 kilowatt hours per square metre (kWh/m²).

How this affects your energy bills

An average household would need to spend **£807 per year on heating, hot water and lighting** in this property. These costs usually make up the majority of your energy bills.

You could **save £79 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2023** when this EPC was created. People living at the property may use different amounts of energy for heating, hot water and lighting.

Heating this property

Estimated energy needed in this property is:

- 3,039 kWh per year for heating
- 1,556 kWh per year for hot water

Impact on the environment

This property's environmental impact rating is B. It has the potential to be A.

Properties get a rating from A (best) to G (worst) on how much carbon dioxide (CO₂) they produce each year.

Carbon emissions

An average household produces	6 tonnes of CO ₂
This property produces	1.4 tonnes of CO ₂

This property's potential production 0.2 tonnes of CO₂

You could improve this property's CO₂ emissions by making the suggested changes. This will help to protect the environment.

These ratings are based on assumptions about average occupancy and energy use. People living at the property may use different amounts of energy.

Steps you could take to save energy

Step	Typical installation cost	Typical yearly saving
1. Solar water heating	£4,000 - £6,000	£79
2. Solar photovoltaic panels	£3,500 - £5,500	£679

Advice on making energy saving improvements

[Get detailed recommendations and cost estimates \(www.gov.uk/improve-energy-efficiency\)](http://www.gov.uk/improve-energy-efficiency)

Help paying for energy saving improvements

You may be eligible for help with the cost of improvements:

- Heat pumps and biomass boilers: [Boiler Upgrade Scheme \(www.gov.uk/apply-boiler-upgrade-scheme\)](http://www.gov.uk/apply-boiler-upgrade-scheme)

Who to contact about this certificate

Contacting the assessor

If you're unhappy about your property's energy assessment or certificate, you can complain to the assessor who created it.

Assessor's name	Christopher Nicholls
Telephone	02033971373
Email	chris@briaryenergy.co.uk

Contacting the accreditation scheme

If you're still unhappy after contacting the assessor, you should contact the assessor's accreditation scheme.

Accreditation scheme	Elmhurst Energy Systems Ltd
Assessor's ID	EES/023693
Telephone	01455 883 250
Email	enquiries@elmhurstenergy.co.uk

About this assessment

Assessor's declaration	No related party
Date of assessment	22 September 2023
Date of certificate	22 September 2023
Type of assessment	SAP
