

## Property Information Sheet



### Name and Address

Kate and Tim  
St Cleopas,  
The Cabin,  
Welsh Street,  
Bishops Castle,  
SY9 5JG

### Property Description

1960s cavity-built brick bungalow with 3 bedrooms, an office, studio, kitchen and living room.

### What changes have you made to your home / what green features did your home come with?

When we moved into the bungalow in 2015, we took out the oil-fired Rayburn, the radiators and the night storage heaters. We installed new floors and underfloor insulation throughout our home – 4” Kingspan between joists. Aided by grant, the loft was insulated with 8” thick Rockwool. A 6kW solar photovoltaic (PV) panel array was also fitted. In 2019, the 6 original metal framed double glazed windows were replaced. A wood burner was installed in the living room and 4 infrared heating panels were fitted, 3 of which on the kitchen ceiling, the other in the bathroom. An EO home charging system for our electric vehicle (EV) was fitted with the assistance of a grant. In January 2021, we installed a 5kW Moixa battery and switched to Octopus energy. Air source heat pumps (ASHPs) were fitted in autumn 2023.

### Why did you make these changes / choose a home with these features?

Initially we made changes as necessary to upgrade the heating system and deal with a woodworm infestation in the living room floor. In the long run we wanted to save energy and money, make our home more comfortable whilst cutting carbon.

### What were the approximate costs of each of the changes you made?

The PV panels cost approximately £4,000 whilst the battery cost £3,000. Replacing the 6 windows was roughly £1,000, underfloor insulation was £1,500, £500 for the infrared heating panels and £1,000 for the EV charger.

### What have been the approximate energy savings?

Apart from the wood burner, we are totally electric and since installing the battery, our current bill has been £40 a month on average.



What have been the benefits to you / your home?

Our home is now cheaper and easier to run whilst also being warmer and more comfortable.

Who undertook the work?

Various local and national contractors. We did quite a lot of the insulation work ourselves.

Would you recommend them?

We would recommend Mathews & Peart of Shrewsbury who fitted the new windows. The PV and infrared heating panels installers both have since gone out of business. Moixa no longer install domestic batteries.

What else would you like to do?

N/A

Have you considered any measures but rejected them? Please give details of what and why.

We had considered another 6kW solar PV array and a bigger battery however money is running short and we are not likely to see the payback as we are getting on.

Any further comments?

N/A

Visiting instructions / information

The front steps are quite steep but there is a handrail. Parking at property available for 3 cars.