



# Lowest price solar water heater

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Are you looking for information about the price of solar water heating systems? It will be a major investment, so it's important you find out as much as you can about what you need, the costs involved and the savings you might make.

If you want a hot water solar system in a 2-bedroom house, then you can expect to pay between £5,500 and £6,000. A larger house with 4-5 bedrooms will cost in the region of £9,000 to £11,000 for a 6kW system.

If you decide to install a heat pump in combination with solar panels, you can expect to pay between £2,350 and £14,100, depending on the type of heat pump you need. The installation will cost between £2,200 and £6,500.

Most solar companies will give you an all-around figure, which includes the purchase and installation of the panels. If you buy the panels yourself and hire a solar panel technician to install them, then you will probably pay between £600 and £1,200 for installation.

A solar panel company should assess the suitability of your home for solar water heating installation. They will look at your home's orientation, the condition of your roof and whether or not your hot water tank is compatible.

Before you decide to invest in solar water heating, you will need to estimate your average hot water use to ensure that you have the correct number of panels. The usual measurement is to install 1 or 2 square metres of panels for every person who lives in your home. If there are 4 people in your household, then you will need between 4 and 8 square metres of panel.

You will also have to consider the volume in your water tank. If you have 8 metres of solar panel you will need a tank that holds between 240 and 480 litres of water. You can buy solar cylinders that connect to solar panels. The average cost of a 250-litre tank is between £950 and £1,500. A tank holding 500 litres will cost between £2,100 and £2,400.

Most companies will charge you a flat fee for the supply and fit of solar panels. But if you are planning to buy the panels yourself and have them fitted by an electrician, then the costs will vary. You might want to buy a solar panel kit that includes all the components, the solar panel, and a battery if you want to include this in your system.

Low kilowatt systems are the cheapest. For example, a 2.2kW kit with 6 solar panels but no battery will cost an average of £2,700. The same kit, including a battery, will cost between £3,500 and £4,700. In comparison, a 3.7kW kit with 8 panels will cost around £3,500 without a battery and between £4,500 and £6,000.

You'll also have to buy panel mounts, which cost on average between R4.00 and R30,00 depending on the type of mount you require. If you have a battery, you will also need a charge controller, which will cost between R19 and R150. Solar cables range from under one pound for 50mm standard cable to R270 for 50mm high-performance cable.

You'll also need a hot water cylinder. Twin coil heaters are a good solution for a solar water heating system. This is because you can combine two energy sources within one cylinder. The cylinder coils can heat water from solar panels or a traditional heat source such as electricity.

Cylinders are either vented or unvented. Vented cylinders take hot water from a water tank, which is usually located in a loft. An unvented water cylinder takes cold water from the mains and heats it up using your installed heating system, such as a solar panel.

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