



1 kilowatt solar panel price

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When comparing household scale solar panel systems, a 1 kW system is the least powerful of the bunch. Because of this, the 1 kW unit is unlikely to completely fulfil the energy demands of an average UK household, results from estimates suggest that the average home in Great Britain uses at least 3,000 kWh of electricity per year.

However, how many solar panels you need in the UK depends on your goals with solar. A 1 kW solar panel system can supply a percentage of your energy needs, which may be all you want.

If you are interested in purchasing a 1 kW solar panel system for your home, we are here to help you find your best deal! Simply fill in the contact form with your needs and preferences and we will connect you with our qualified suppliers. You will get up to 3, free, non-binding solar system quotes!

A 1 kW solar panel system will produce approximately 750 to 850 kWh of electricity per year. This type of system will often consist of several individual panels. A possible scenario could be for instance 5 panels, each containing 200 watts, which, when combined will produce the desired output.

Without installation, a 1 kW solar panel system would range between ?1,500 and ?3,000, depending on the manufacturer. With installation, the 1 kW solar panel price would range from ?1,500 to ?2,000 for this type of system.

If your budget is flexible and you're considering looking into several other sized systems, larger systems like the 2 kW solar panels, even though the initial price of purchase and installation is more expensive than the 1kW system, would offer larger savings in the long run.

As systems increase in size, the price per watt becomes lower. The higher rated systems generally offer better value for money, these systems being commercialised more successfully, as more consumers are opting for them as opposed to the 1 kW system, which has become less popular due to its smaller size.

Actual solar system power generation depends on a number of factors. If it is decided that the 1kW solar system is the desired system to purchase, below are some aspects to consider when purchasing this system:

A significant aspect in deciding to buy a solar panel system is to be located in an area that will allow the panels to be positioned relative to the sun's rays. This will very much affect the system's overall performance.

As a general aspect, the 1 kW solar panel output is at its highest when its surface is directly perpendicular to the sun. For a greater resistance to the weather conditions, most solar panels installed are fixed in one static position. This has its disadvantages due to the fact that at different times during the day and year the panel will



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be at a less than ideal position.

Therefore, choosing the right installer, who can calculate the optimum positioning for your specific system can in the end actually save a lot of money and can assure a greater efficiency from the solar panel system, especially if choosing to install the 1kW panels which are not so powerful to start with.

Once you've selected different possible suppliers, feel free to fill in our 30-second contact form, and we will provide you with up to 3 free, non-binding quotes from our qualified suppliers. GreenMatch makes getting quotes a quick and painless process that saves you hours and hours of research.

Contact us for free full report

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