

SOLAR iBOOST



Maximising the Benefit of your Solar iBoost

In order to get the most benefit from your iBoost you need to allow it the opportunity to divert as much power as possible into your immersion heater. These tips are designed to help you achieve this:

1. Change the timer settings for your current water heater

Now you have a Solar iBoost you want to use your existing heater as little as possible, only using it to top up the "pre-heated" tank to full temperature. By changing the heating times to the end of the day only you are allowing the iBoost to heat as much water as possible.

Simply reset your heating timer to after the sun goes down, but before you use much hot water (ie. Washing up, evening baths and morning showers), this way you are guaranteed to have the hot water you want. If you heat by electric only the Solar iBoost has an inbuilt timer that can be used to control your immersion heater on/off times.



2. Use the Solar iBoost on the lower immersion element of you tank

Electric only tanks usually have an upper and lower immersion. It is the lower immersion that is able to fully heat the tank as water circulates throughout the tank by convection. If you only have a small immersion rod at the top of the tank hot water concentrates at the top, this situation can be improved by using an extra long immersion heater, or a de-stratification pump to circulate the water.

3. Vary your heating times by season

In the summer months you may find there is enough excess power from your PV array to fully/adequately heat your tank. During these months you might turn off your heating system to save energy and fully utilise the Solar iBoost. You can use the "boost" function for the occasional short top up if needed. In winter you will need to use your existing heating system for longer to guarantee a full tank of water.



4. Ensure your hot tank has adequate insulation

By insulating your hot tank you should be able to enjoy the warm water from your day's solar heating through to the next morning. This way your tank will be cooler for the new days "heating by solar" allowing the full benefit to be felt without the need for extra heating.

5. Look for ways to use your hot water

If you have an instant electric shower it uses its own power supply to heat the water. Enjoy a bath to use more hot water from your tank!

6. Look to reduce your houses base load

By reducing your home's energy consumption you maximise the power available for Solar iBoost to divert to your hot water tank. Turn off lights and turn off appliances rather than use standby. Computers can use up to 400W, why not power it down when not in use.

Visit www.solariboost.co.uk for more information on how it works, if it's right for you and where to buy.