

SOLAR iBOOST

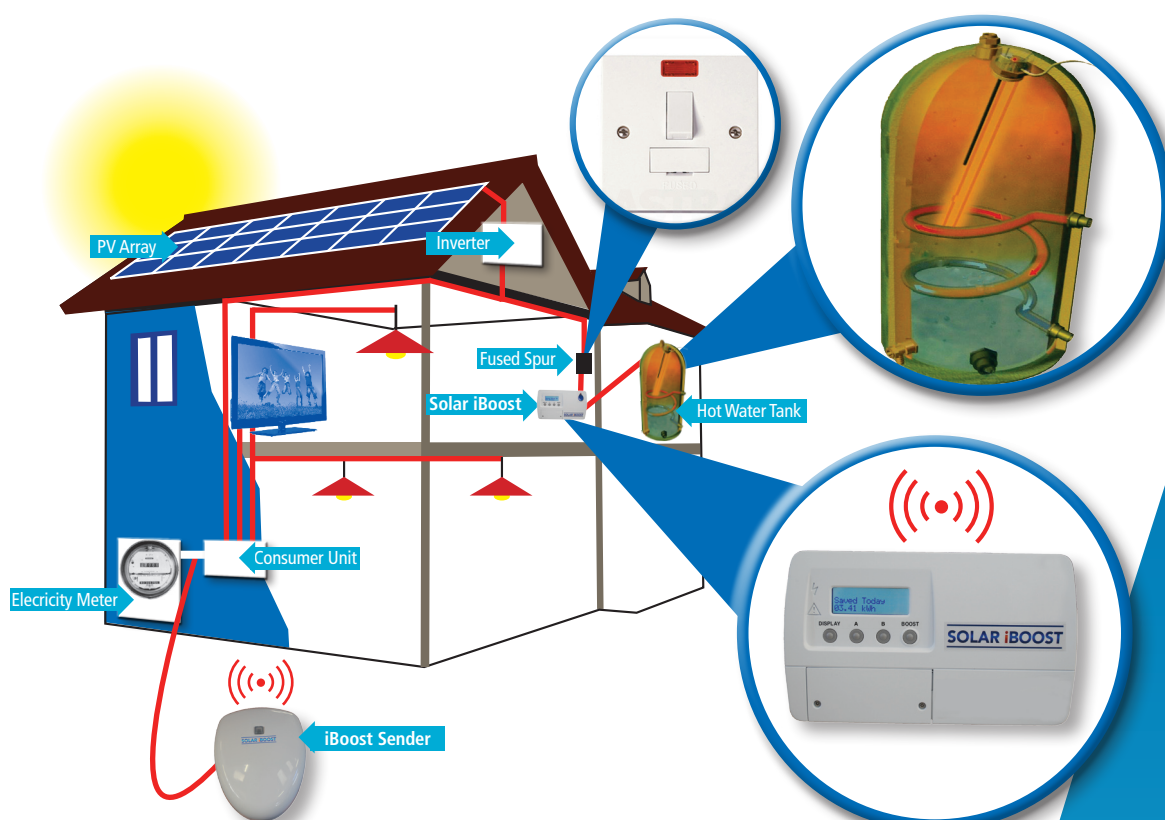
*Uses your PV array to give you **FREE** hot water!*

The Solar iBoost concept is to use the surplus photovoltaic energy generated at your home to heat the water in your household water tank and save you money.

You will benefit from

- Maximising the use of the free solar energy generated at your property
- Cutting the cost of heating your water
- Reduced use of your boiler

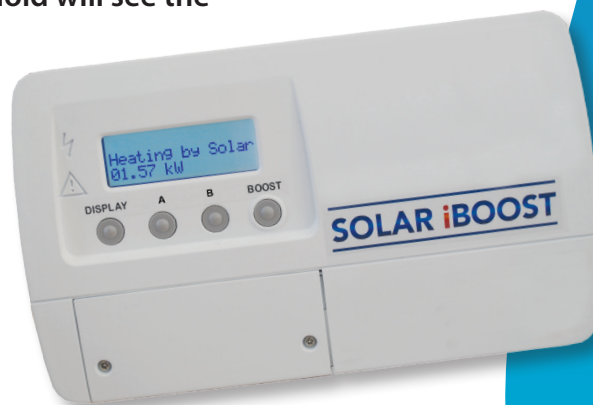
Solar iBoost uses **ONLY** energy that would be exported, unlike some similar products, so you take the opportunity to use as much of the free energy that, unless you have an export meter, you are paid for anyway!



We've designed the easiest to fit, use and monitor device, enabling you to enjoy even more financial benefits from your PV solar investment.

Here's how a typical household will see the benefit of Solar iBoost:

In a household with a PV array generating a 2kW surplus, just 2.5 hours is needed to raise a 100ltr tank temperature from 20 °C to 60°C giving a saving of approximately £0.50 per day based on average energy prices. (Feb 2013).



*Fit a Solar
iBoost and
watch your
heating bills
fall!*

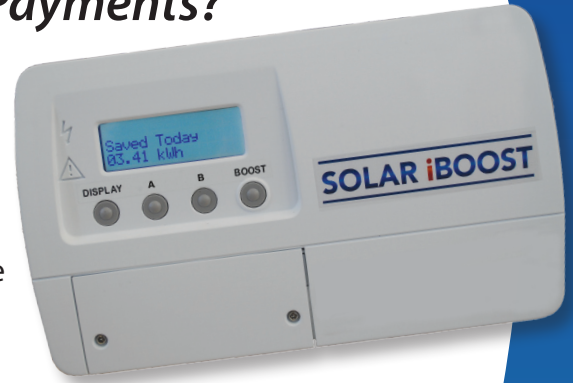
How Does it Affect my Feed In Tariff Payments?

It doesn't!

Solar iBoost does not affect your FIT generation payments. For householders with a deemed usage contract from their FIT provider using Solar iBoost means you get greater or full usage of the free energy and still receive the 50% export payment. Where an export meter is fitted the benefits of the Solar iBoost can still easily outweigh the rising energy costs of water heating.

"It's great to get home and find you've got a tank of free hot water!" **Adam & Su Payne**

"We've been busy switching appliances on to use all our pv power but our new Solar iBoost gives us lots of free hot water automatically. We're delighted with it thank you!" **Mr G Jarrett**



Dims: 260 x 130 x 64mm Wt: 505g

It's Clever but Simple!

- Solar iBoost fits quickly and neatly into your airing cupboard, simply wired between the existing fused spur and the immersion heater.
- It wirelessly receives information continuously from a sender device which activates the Solar iBoost to start water heating.
- The sender is battery powered so it is rapidly installed with its clamp in the utility meter box and no need for expensive wiring.
- The Solar iBoost intelligently controls and adjusts the flow of energy to the immersion heater as your home consumption varies, ensuring that only excess power is used.
- There's no need to change your immersion heater as Solar iBoost works with any normal household immersion rated up to 3kW.
- Solar iBoost displays real time and historical energy savings figures and LED symbols indicate the operating status.
- Simple timer programming enables Solar iBoost to work in harmony with Economy utility tariffs and a boost override switch means you can top up from the grid any time you need extra hot water.



Contact us today to enhance your PV system benefits!

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ABEL ENVIRONMENTAL SERVICES LTD
Air Conditioning, Refrigeration & Renewable Specialists

From a reliable and established innovator in renewable energy. Marlec manufactures the Rutland Windcharger and has been offering wind and solar systems for on and off grid energy since 1979.