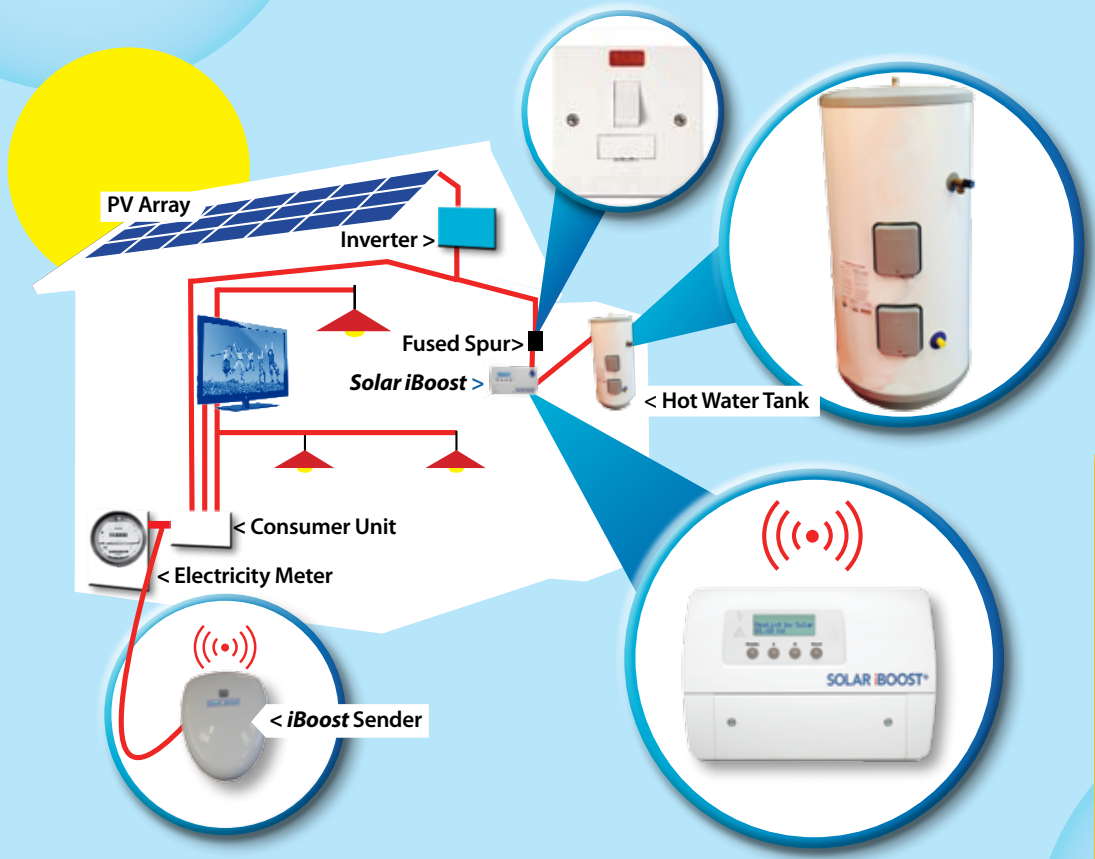
The *Solar iBoost*+ concept is to divert the surplus solar photovoltaic energy generated at your home to heat the water in the household tank and save you money.



With *Solar iBoost*+ fitted you will

- Cut the cost of water heating in your home.
- Reduce the use of your boiler.
- Maximise the use of the free solar energy generated at your property.

***Solar iBoost*+ uses only the energy that would otherwise be exported**

How does it affect my Feed in Tariff Payments?

This depends on the type of scheme operated in your country but many tariffs are reducing as energy costs are rising, favouring "self consumption" of PV and wind powered home generation. Generation based FiT's are not normally affected as the ***Solar iBoost*** only measures what is exported. In the UK, the additional export tariff is typically unmetered and therefore self consumption is most advantageous.

Benefits on net metering systems depend on the tariff paid but it may be more cost effective to consume the electricity.

How it Works

1 Using just a single clamp installed at the household meter the Sender transmits vital export energy information to the ***Solar iBoost***+ wirelessly.

2 ***Solar iBoost***+ is activated when excess energy is available. It intelligently controls and adjusts the flow of energy to the immersion in proportion with the fluctuating export levels.

3 Water is heated during the day using excess energy only up to the immersion thermostat's setting. You can top up if required from usual heating methods or using the ***Solar iBoost***'s grid power functions.

Typical example of Solar iBoost+ captured energy:

Generation	2700 W
Energy Consumed	1400 W
Potential Export	1300 W
Energy Diverted	1200 W
Energy Exported	100 W

A Simple Design with Innovative and Clever Features

- ***Solar iBoost+*** **fits quickly and neatly next to your water cylinder wired simply between a fused spur and the immersion. No need to change your standard immersion heater up to 3kW.***
- **It responds rapidly to the varying home consumption and changing weather ensuring that only excess power is used.**
- ***Solar iBoost+*** **features connections for 2 immersions, switching between them automatically to maximise electric water heating systems.**
- **Wireless Sender eliminates unsightly and costly wiring.**
- ***Solar iBoost+*** **displays real time information "Heating by Solar 1.6kW" and historical energy saving figures are seen at the push of a button. View this and more data using the optional *iBoost+ Buddy* home display.**
- **LED's also give an instant visual indication of the system in operation.**
- **Simple programmable timer enables *Solar iBoost+* to work in harmony with your existing water heating system on a 5/2 day basis. Even separate winter and summer settings can be programmed and switched between at the push of a button.**
- **Selectable languages; French, German, Italian, Portuguese & Spanish.**
- **Built-in Boost override switch keeps you in control so you can top up your hot water in 15 minute increments up to 2 hours.**
- ***Solar iBoost+*** **is ready to connect wirelessly to the *Buddy* if added at installation or a later date.**
- **CE compliance to all product and safety standards conducted by independent test laboratories.**
- **2 year warranty. Dimensions: 288x255x100mm 1.95kg**

Consult your PV installer or qualified electrician for installation in your home. The wireless communication, no essential programming and connection into existing circuits means that installation is straightforward for a professional.
Add ***iBoost+ Buddy*** to conveniently monitor home energy and *Heating by Solar* savings.

iBOOST+ BUDDY

Monitor home energy usage with ***iBoost Buddy***. The eco-gauge lets you know when unused energy is available so you can switch on appliances.

View the ***Solar iBoost+*** display and remotely activate the Boost function.

Keep the ***Buddy*** handy so you can check the intuitive "traffic light" energy indicator.

Dims: 133x113x56mm 150g

The ***iBoost+ Buddy*** comes with a mains adaptor and connects wirelessly to the ***Solar iBoost+***. Your installer can pair it into the system at the same time or you can add it at a later date.