

# SOLAR iBOOST+

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

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

Get the full benefit of your PV array and more.....

- Free hot water
- Drastic cuts in water heating costs, up to 100% in some cases and
- A new heating controller that puts you in control of water heating day and night

## How it works

- 1.** The Clamp and Sender device detect import and export energy. When there's unused generation from your pv array being exported, a wireless signal activates the Solar iBoost+
- 2.** Solar iBoost+ calculates the level of energy being exported.
- 3.** Solar iBoost+ automatically controls and adjusts the flow of energy to the element/hot water in proportion to the fluctuating export levels. This way it only uses the surplus of the generation at your home, not grid power.

## Here's how Solar iBoost+ works for you:

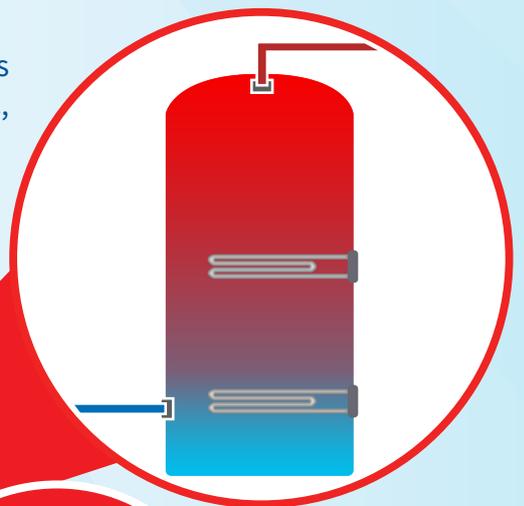
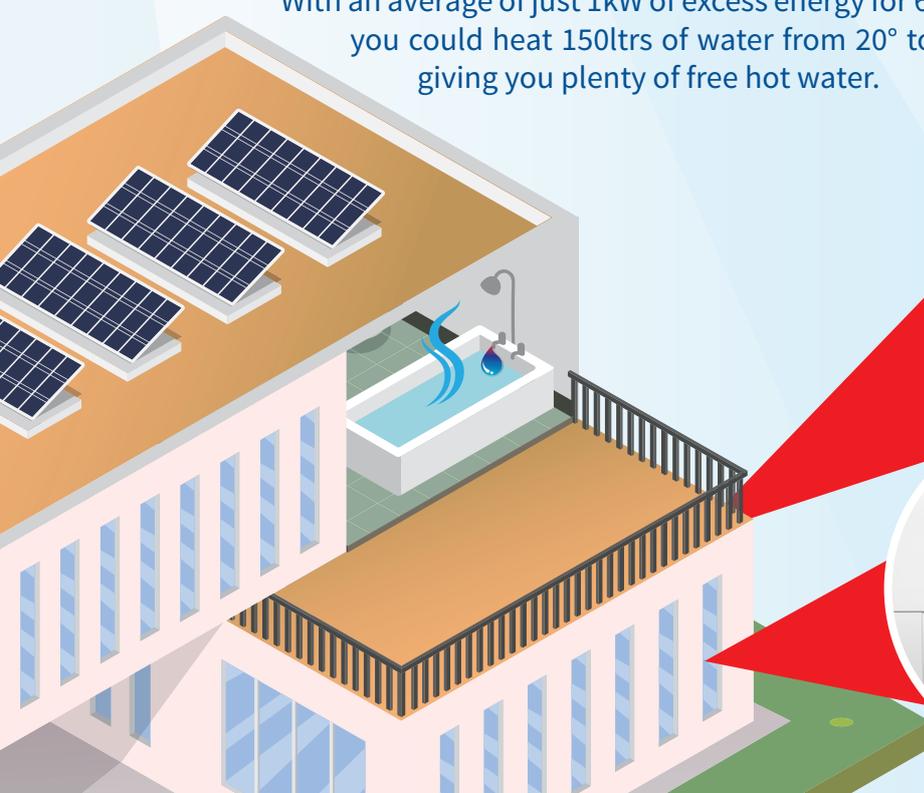
Spare PV energy is automatically diverted to heat the water through the daytime. If necessary you can simply top this up using the built-in Boost or Timed Boost functions, alternatively top up using your usual heating system.

With an average of just 1kW of excess energy for 6 hours you could heat 150ltrs of water from 20° to 55°C, giving you plenty of free hot water.

## Got Solar PV?



Fit a  
**SOLAR iBOOST+**  
and watch your  
heating bills fall!



2 year warranty

## Watch Your Savings Grow

Heating by Solar  
01.68 kW

Saved Today  
03.66 kWh

Saved Yesterday  
10.56 kWh

Saved Last 7 days  
68.64kWh

Saved Last 28 days  
224.86kWh

Saved Amount  
1304.16kWh

## Control Your Heating

**At the press of a button you can boost from the grid in 15 minute increments up to 2 hours and interrupt it at any time.**



Dims: 288x255x100mm 1.95kg

### It's Clever.....

The Solar iBoost is intelligently programmed to respond rapidly to the varying home consumption and solar generation levels to ensure that only excess energy is diverted. It keeps adjusting the energy flow to the hot water element which quite uniquely warms up in direct response to whatever levels of power are delivered to it up to 3kW, gradually heating the water.

### ....but Simple!

- There's no need to change your hot water element as Solar iBoost works with any normal household element rated up to 3.6kW. You can even connect two elements so that when 1 is satisfied the free energy is automatically diverted to the second.
- Uses your existing immersion thermostat to switch off when the water is hot.
- The wireless communication usually means there's no extra wiring needed
- Solar iBoost's instant Boost and programmable Timed Boost functions put you in control over the water heating.



### How Does it Affect my Feed In Tariff Payments?

It usually doesn't as feed-in payments, if given, are often less than the cost of buying electricity. With Solar iBoost fitted your PV self consumption levels will rise automatically and you will enjoy free hot water!

### Why Choose Solar iBoost?

Solar iBoost is the market leader, with sales in the UK alone of 50,000 home systems and it's manufactured by Marlec, one of the world's oldest renewable energy companies.

Imported by: Reid Technology Ltd, Auckland.

Tel: +64 9 489 8100 Email: solar@reidtechnology.co.nz

**Ask your PV installer or electrician for a quote.**

