

NO NEED TO  
CHANGE YOUR  
IMMERSION  
HEATER

SIMPLE TO  
INSTALL

VIRTUALLY  
MAINTANANCE  
FREE

1 YEAR  
WARRANTY

STILL RECEIVE  
YOUR FEED-IN-  
TARIFF

## Solarimmersion Mark III



*“Solarimmersion is  
the perfect solution  
to making the most  
of your PV  
installation and self  
generated power”*

- **Use 100% of free electricity**  
Solarimmersion will divert every last bit of surplus power generated by your solar panels to the immersion heater.
- **Manual override and boost Function**  
Built-in override/boost function to turn on the immersion heater manually or to utilise Economy7 tariff.
- **No flickering or line noise**  
Solarimmersion will not cause any flickering of in-house or neighbourhood lights, unlike simliar products on the market.
- **No threshold levels**  
Most systems monitor the PV power and wait until the exported level crosses a set limit before turning on the immersion heater.  
Solarimmersion is based on proportional control/ modulation to maximise the efficiency and will make sure all surplus is diverted.
- **Multiple loads**  
Solarimmersion can drive multiple loads. So when the water is hot enough and the thermostat cuts off, a secondary load could be actviated, e.g. for auxillary heating.

[www.solarimmersion.co.uk](http://www.solarimmersion.co.uk)

**Solarimmersion**  
Use 100% of Solar PV Surplus

WORKS WITH  
WIND TURBINES  
AND HYDRO  
POWER

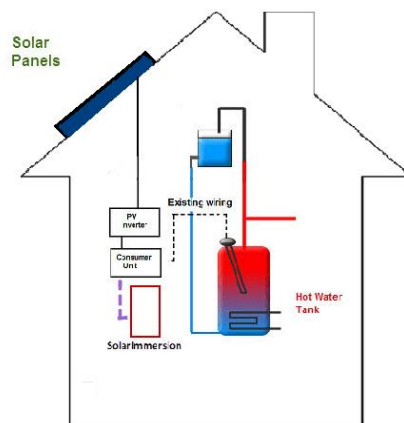
LCD DISPLAY

INCREASE YOUR  
ROI

REDUCE ENERGY  
BILLS AND SAVE  
MONEY

DESIGNED AND  
MANUFACTURED  
IN THE UK

## Solarimmersion – Helping you to save more



- Built-in multi function relay for inductive loads
- Supports de-strat pumps
- Internal thermal protection
- Single clip-on sensor
- Supports up 4kW load

SolarImmersion uses a single clip on sensor on the incoming service grid lines. The clip on sensor can be attached anywhere before the consumer unit.

From the clip on sensor, the intelligent SolarImmersion unit gets accurate information required to work out whether the power is being imported or exported. Once the unit detects the power is exported, it calculates how much is being exported and dynamically adjusts the power diverting it to the immersion heater to keep the exported power to as near to zero as possible.

If the in house load increases, e.g. when a kettle is turned on, it will reduce the power diverted to the immersion heater - making sure only the excess power is used.

If the power used by the house decreases, even if it's only by a few watts, SolarImmersion will automatically increase the power to the immersion heater to use all of available surplus, rather than the excess going back to the grid.

Solarimmersion – Simple, Efficient, Affordable

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**SolarImmersion**  
Use 100% of Solar PV Surplus