

## Case study

# Domestic installation

In 2012 Alan Davison had a 4KW south-facing solar system installed on his four bedroom house in Northumberland. Three years later, Alan decided he wanted to utilise the excess solar energy he was generating by diverting it all to his 160 litre immersion tank. Having researched various devices on the market, he opted for a SOLiC 200 and now gets hot water for the whole household at least nine months of the year.



The SOLiC 200 – an award-winning intelligent solar immersion controller – maximises solar investments by offering excess solar power to the immersion heater circuit before it's exported to the grid.

Alan explains the decision to opt for a SOLiC 200, "I looked at pretty much every manufacturer out there and the 10 year warranty was a big factor for me. I also like that the SOLiC 200 is made completely in the UK."

The SOLiC 200 is engineered with a zero export threshold - it checks for excess solar energy 50 times a second and the sensor is wired to ensure consistent accuracy.

Alan comments, "The SOLiC 200 is simply fantastic. The way it detects the house usage and solar

*production and changes over in an instant to deliver even the tiniest bit of spare power to the immersion is brilliant".*

*"Bearing in mind that I live in Northumberland and even in November - with about 7 hours of daylight with grey and rainy days too - I have had my boiler switched off 100% of the time as the SOLiC has been able to provide my four bedroom house with all the hot water it needs.*

*"I'm find myself double checking that the hot water is switched off because it's difficult to comprehend that after a lifetime of gas bills I now have free hot water . I have already recommended the SOLiC 200 to others I know who have solar arrays."*

Alan concludes, "British engineering and innovation at its best."



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