

The facts and figures

Export thresholds



What is the export threshold?

The export threshold is the level at which excess solar energy is diverted to the immersion heater circuit.

Many devices have a threshold of at least 100W before they start to divert energy to the immersion. However, the SOLiC 200 has a zero export threshold.

What is a zero export threshold?

The SOLiC 200 starts to divert energy to the immersion heater circuit as soon as there is excess energy because it has been engineered without an export threshold.

This means that 100% of the excess solar energy is offered to the immersion heater circuit—providing the water in the immersion tank needs heating and the solar array is not producing more than the house (including immersion heater) can use.

Why is a zero export threshold important?

If you think of the export threshold as a dripping tap, every kilowatt of energy that is exported unnecessarily is losing you money,

How can the SOLiC maintain a zero export threshold?

The SOLiC 200 checks for excess energy 20 times a second and is hard-wired to the sensor to ensure consistent accuracy.

How much could you gain by using a device with a zero export threshold?

During the lifetime of your solar panels you could gain up to £1500 in hot water by using a SOLiC 200 rather than a device with a 100W threshold—that's on top of how much you'll save from using any similar device.