

When will a solar energy diverter be delivered?

Estimated delivery between Tuesday 12 September and Thursday 14 September. The Cool Energy diverTech Solar Energy Diverter is designed to harvest energy that would normally be exported to the grid. It monitors the whole house electricity supply and when export is detected it starts to divert electricity to a heating element in 100W increments.

What is a solar diverter?

A solar diverter is a device used in conjunction with solar panels to optimise energy usage within a household. Its purpose is to direct excess electricity generated by the solar panels towards a specific load or appliance, usually to heat water, instead of exporting it back to the grid.

What is an energy diverter?

At its simplest, an energy diverter captures excess energy from your private generation system, whether it is photovoltaic, wind or hydro, and uses it locally instead of allowing it to be exported to the grid. The most popular use is for water heating, though there are also examples of use for space heating and battery charging.

Why is Portugal a good place to invest in solar energy?

In a time of energy price hikes, supply concerns and with Portugal boasting some of the highest levels of sunlight hours in Europe - it's the perfect location to harness the power of solar & thermal energy for your home. We also supply solutions for underfloor heating, domestic hot water, and central heating.

Is solar power a growing source of energy in Portugal?

Solar power is a growing source in the Portuguese energy mix. At the end of 2020, solar power installed capacity totalled 1.03 GW and represented 3.6% of total power generation in 2020. Portugal has set a goal of between 8.1 GW and 9.9 GW in installed capacity by 2030.

Is a solar diverter a good fit for my home?

For a solar diverter to be a good fit for your home, you must have on-site power generation, like solar PV panels or a wind turbine - and your system should regularly produce more electricity than your household consumes, otherwise there won't be excess electricity available to divert to your water heater.

Understanding Solar Diverters . A solar diverter is a smart device that dynamically manages the energy produced by solar panels. When your solar panels produce more electricity than your home needs, a diverter ...

A common misconception regarding solar power diverters. If the Solar power diverter kicks in at 70 watts surplus PV output, this would not be enough to power the immersion heater, these heaters are rated at 3kW, so ...



Solar power diverter Portugal

A solar power diverter can offer a more effective way to maximise your self-consumption by directing excess power to heat water. This makes it a potentially valuable addition to homes without battery storage - but ...

The display features; auto time out - 5 minutes; live exported power; live imported power; live output power; operation status and total kWh savings. External override timer and smart relay The E.R.S PRO has an auxiliary connection ...

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