



Solar power diverter to battery

What does a solar power diverter do?

Solar power diverters monitor the amount of energy being used in the home and how much is being generated by the solar panels. When more energy is generated than used, they divert the excess energy.

What is the difference between a solar diverter and a battery?

Solar diverters work by diverting energy to immediate household uses, such as heating water or powering a heat pump. Batteries, on the other hand, store energy for later use. Both systems can work in tandem for maximum efficiency, with eddi managing immediate demands and batteries providing power when the sun isn't shining.

Is it advisable to buy a solar power diverter?

If you're looking for an affordable way to use some of the excess energy generated by your solar panels, then a Solar Power Diverter is a good option. It allows you to make use of more energy and take some of the workload off your boiler, with the added benefit of providing a free source of hot water.

Does a solar diverter work with a water heater?

Yes- most solar diverters, including eddi, are designed to work with existing electric hot water systems and immersion heaters. This means you don't need to install a new system; instead, a diverter like eddi will simply redirect your excess solar power to your current water heater, turning surplus energy into hot water.

How does a solar battery work?

The generated solar power will remain in the battery till its total capacity. Your home will start using this power when the energy gets used up from the solar panel inverters. Unlike a power diverter, a solar battery can charge all your household appliances, including your fridge and TV. What Happens on Full Charge?

Can a solar diverter reduce hot water costs?

However, using a diverter to divert excess solar power to water heating can reduce your hot water costs by up to 70%, especially if you have high solar generation and low daytime electricity usage. Is installing a solar diverter difficult? No, installation is straightforward and can usually be completed in a few hours by a qualified electrician.



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Contact us for free full report

Web: <https://solarcomplete.co.za/contact-us/>

Email: energystorage2000@gmail.com

WhatsApp: 8613816583346

