

This is why a home battery is a smart choice!

Introduction

Home batteries are becoming increasingly popular among people who own solar panels. But how exactly do these batteries work? Let's take a look at how home batteries interact with solar panels and what the benefits are.

What is a home battery

A home battery is a device that stores electricity, usually generated by solar panels or drawn from the power grid, to be used later when needed. It helps homeowners reduce energy costs and become less dependent on the grid. Just like solar panels, there are several types of home batteries available on the market. Some can store more energy than others, and their power capacity varies as well.

Benefits

1. Energy storage

Store excess energy generated by solar panels or during low-rate electricity periods, and use it later when energy demand or prices are high.

2. Cost savings

By using stored energy during peak hours or when electricity prices are high, you can significantly reduce your energy expenses.

3. Independence

Home batteries decrease your reliance on the power grid, which is particularly useful during blackouts or technical failures.

4. Sustainability

By becoming more self-sufficient and less dependent on fossil fuels, home batteries contribute to a more sustainable lifestyle and reduce the household's carbon footprint.

Financing

You can choose to buy a home battery outright with your own funds. Although this can be a large investment, it will save you money on energy costs in the long run. In addition, some companies offer loans for purchasing a home battery, sometimes even including solar panels. You repay the loan in installments, spreading the costs over time. It's also possible to rent a home battery from certain providers. In that case, you pay a monthly fee for using the battery without having to purchase it.

Growing popularity of home batteries

Solar panels already help reduce energy costs, but adding a home battery allows you to save even more! Currently, only 4% of homes have a home battery, but as many as 21% of respondents said they plan to get one within a year. Solar panels and home batteries are often purchased with the future in mind.