

GUIDE TO BATTERY STORAGE



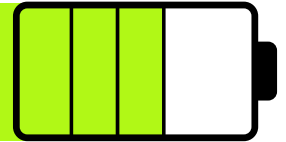
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WHY CONSIDER BATTERY STORAGE?



If you already have solar panels, adding a battery system allows you to store excess energy generated during the day for use later in the evening or during periods of low solar generation. This can:

- Reduce your reliance on the grid
- Lower your energy bills
- Make better use of the energy your system generates
- Provide backup power during outages (with some systems)

As energy costs continue to rise, storing your self-generated electricity can help protect you from increasing prices while making the most of your solar investment.

HOW DOES BATTERY STORAGE WORK?



Your existing solar panels generate electricity throughout the day, much of which may currently be exported to the grid. A battery storage system stores this excess energy on-site, allowing you to use it later when your energy usage is higher, like in the evenings or early mornings.

By using your stored solar energy rather than buying electricity from your supplier, you can reduce your bills while still benefiting from your solar system.



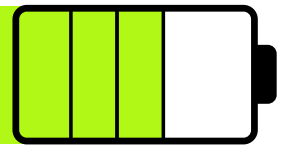
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WILL ADDING A BATTERY AFFECT FIT TARIFFS?



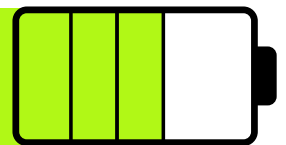
Good news: Adding a battery to your existing solar PV system will not affect your FIT generation payments. You will continue to receive your generation payments for all the electricity your solar system produces.

Export payments under FIT are often deemed unless you have an export meter. If you have deemed export payments, adding a battery will not change the amount you receive under the FIT export payment.

If you have a metered export payment, some additional considerations may apply, but in most cases, adding a battery does not affect your eligibility for your FIT payments.

NB it is the homeowners responsibility to speak to the FIT provider if required

RETROFIT EXISTING SYSTEMS



For retrofitting battery storage to your existing solar installation, an AC-coupled battery system is typically used. This means:

- It operates alongside your existing inverter
- Your solar panels continue to function as they currently do
- The battery is charged via its own AC-coupled inverter, meaning no major disruption to your current system
- Compatible with most existing solar PV systems

This setup is ideal for preserving your FIT generation tariff while adding battery storage to maximise your solar energy usage.



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BENEFITS OF ADDING BATTERY STORAGE



You can store the free solar energy your panels produce and use it when your home needs it most.

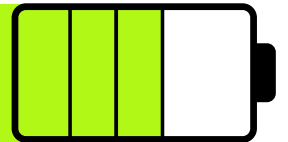
Reduce your reliance on the grid and protect against rising energy prices

No Disruption to FIT Payments: Keep your generation payments unchanged

Batteries can be sized to suit your energy usage and expand later if needed

Some battery systems can keep your lights and fridge running during a power cut – ask us which models support this.

NEXT STEPS



If you would like to explore adding battery storage to your existing solar PV system, get in touch and we will review your current system, energy usage, and future needs.

From there we will design a suitable battery storage system compatible with your existing setup. Our MCS-accredited team will complete the installation with minimal disruption.

Depending on the battery selected and your set up, you will be able to monitor your generation, storage, and consumption via a dedicated app.



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WHY CHOOSE VOLT-AGE?



We're your local solar, ev and battery storage specialists, not a national sales team.

Why go local?

- ✓ Local team, fast service
- ✓ Transparent, no-pressure advice
- ✓ 5-star support before and after install
- ✓ Same contact throughout the process
- ✓ MCS accredited installer
- ✓ Workmanship Insurance
- ✓ Access to OZEV EV grants

Kanda

We are now able to offer finance for renewable installations.



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