

Whats on offer?

Mole Energy provide battery storage solutions for your home. Whether you have Solar PV already and want to make the most of your system or if you want to reduce your reliance on the grid and don't have Solar we can help you.

What is a hybrid?

A hybrid inverter incorporates a battery within the inverter to add battery storage.

When should I fit one?

A hybrid can be fitted either as part of a new Solar PV installation or if an inverter has failed or out of warranty. This is the ideal time to do this.

What is a stand alone battery?

A stand alone battery adds battery storage without the need to change your existing inverter.

When is an ideal time to fit one?

Anytime! This can be either as part of a new installation or to add battery storage to an existing Solar PV system.

Whatever your personal requirement we can provide you with the latest technology and solutions for your home tailored to suit YOU.

Batteries for your home



1

SMA HYBRID INVERTER WITH INTEGRATED BATTERY (2kWh STORAGE)

For use with new installations and retrofit inverter changes

FROM **£3,995** Ex VAT

2

LG CHEM RESU 7 BATTERY (6.6kW HOURS STORAGE)

For use with existing and new Solar PV systems

FROM **£6,495** Ex VAT

3

4kW 15 PANEL SOLAR PV SYSTEM WITH HYBRID INVERTER

2 kW of battery storage

FROM ONLY **£8,995** Inc only 5% VAT

What is battery storage?



Battery storage is where excess energy produced from your Solar PV is fed into a lithium or lead storage battery for use later in the day when the sun is down. During the day any energy that is produced can be used within the home, however, in most cases there is a surplus which would normally be fed into the grid. By storing this energy in a battery it ensures that the owner can capitalise further on their Solar PV's production.

How does it work?

The Solar panels can produce higher volumes of electricity (kWh's) than the home actually requires. Normally this excess is fed into the grid but by storing it the owner becomes more self sufficient and saves on any energy that they would normally have to purchase from the utility companies during the evening.

Does it affect my system or payments?

Your FIT (Feed in Tariff) and export contract payments are not affected and you will receive this as normal. In fact, by adding battery storage to your system you will simply be buying less electricity from the grid, giving you additional savings on your bills.

How much storage will I need?

This is dependent on your own electricity usage during the day and the volume of production from your Solar PV. A 4kW Solar PV array for example can produce up to 30kWh's in one day during the height of summer but your home may only use 50% of that in the day. This leaves an excess which can be stored for use later. The more energy efficient a home is the less storage capacity we require. LED lighting, smart TV's and A rated appliances mean that the home requires less energy to function normally. A 2kW battery would be sufficient to power a TV, lights, and even computers and some appliances in a high efficiency home.

What do I do now?

If you are already an owner of a Solar PV system then your first actions must be to ascertain if you are generating enough surplus energy in order to store sufficient energy in the day for use in the evening. This will be true for nearly all owners but best to be sure. If you suspect that this is the case then contact Mole Energy and we will talk you through the best options for you. We have a wide array of solutions, however, it must be right for you and your home!

If you don't already own a Solar PV system then we are able to offer you a complete solution for your home. This includes the array (panels) all electrical works, installation, project management and of course the right battery storage solution. As a new adopter you will also benefit from ONLY 5% VAT!

And why Mole Energy?

Mole Energy are part of Mole Valley Farmers which means we are entrusted to deliver a service worthy of over 55 years of heritage and reputation. We are at the forefront of Solar PV and energy solutions and we always go the extra mile for our clients.

Our team of experts and trained technicians understand the complex world of solar energy so we can ensure you don't take risks. All our people have a sense of pride and accountability that is rare these days and our installations and solutions are of the highest calibre. The whole process from survey to aftersales is made simple for our clients.

We don't sell to you but rather give you the best advice and price points in the market, nor do we use technical language that no-one really understands.

Simply put we offer . . . Trusted, honest, value **Good to know isn't it?**