



The Future Is Smart

Your guide to solar panels,
battery storage, heat pumps
and EV charging

ALLIANT ENERGY
RENEWABLE ENERGY SOLUTIONS

A MESSAGE FROM OUR TEAM

Building a cleaner future, together.

Hello, we're Alliant Energy.

We're passionate about clean energy and helping our community thrive. Our purpose is simple: to make renewable energy practical, effective and accessible for homes and businesses across Lancashire and the North West.

From your first enquiry to long after installation, we're here with honest advice, trusted technology and dependable support. We take the time to understand your property, your energy needs and your budget—then recommend the right solution for you.

Every project is delivered by skilled local teams who care about quality, service and doing the job properly.

The Alliant Energy Team
Renewable Energy Solutions

“

Together, we can cut energy bills, reduce carbon and build a cleaner, stronger future for our region.



Our Accreditations



What we have been up to in the last 12 months

Installed **2,500**
Solar Panels



In almost **250**
homes across
the UK

Delivered almost complete
grid self-sufficiency for
clients (**up to 93%**)



Designed solar PV systems
which are generating an
estimated combined total of
6.1m kWh a year of electricity

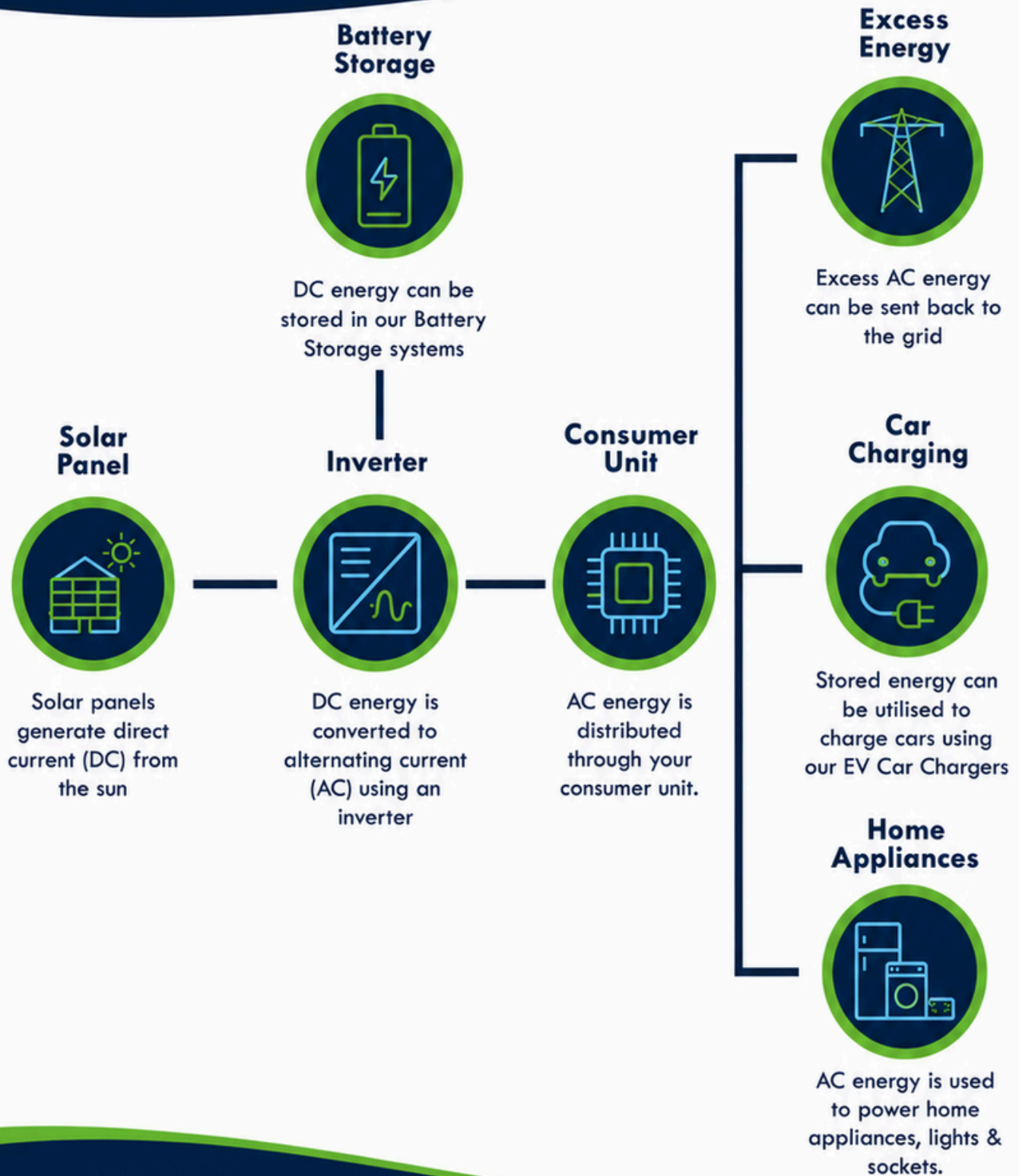


Created systems with a
return on investment for our
customers of **up to 14.2%**



Achieved **£2.3m** of prospective
lifetime combined energy
savings for our customers

HOW IT ALL WORKS



The diagram above is a flowchart which shows how simple it is to **generate** and **store** energy to power your home. Whether you're looking to reduce your energy bills, store energy for future use or simply **power** your home in a more environmentally friendly way **We have a range of products to suit all**

Hub 2

Benefit from enhanced financial returns from your solar and battery system thanks to improved round-trip efficiency, tariff arbitrage savings and payments for participating in flexibility services. Includes everything required for the latest flexibility services.

New Features

- All new design: 80% smaller, 90% lighter
- Improved connectivity, including Wi-Fi and Bluetooth
- Quick fit & release wall mounting
- All plug-in connectors
- App-based commissioning (installed in minutes)
- Made in Britain



Intelligently optimises your energy usage for lower bills.



Pays you directly for supporting a greener grid through flexibility.



Freedom to choose your own energy supplier.

GENERAL SPECIFICATIONS	
Product name	Levelise Hub 2
Model number	LEV0002
Supply voltage	230 V AC $\pm$ 10% (50 Hz)
Maximum load	0.2 A
Ports / Interfaces	- 2x RS458 RJ11 ports - 1x USB Type A port - 2x Ethernet RJ45 ports - Wi-Fi 4 - Bluetooth 4.2
Communications protocols	RS485 (Modbus-RTU)
Dimensions (W x H x D)	296 x 191 x 49 mm (not wall mounted)
Weight (net)	905 g, approx. (excluding wall mount)
Ingress protection	IP20 (indoor only)
MEASUREMENT ACCURACY	
Frequency	$\pm$ 0.001 Hz (up to 20 Hz sampling rate)
Active power*	<1% of FS
Active energy*	- Class 1 (IEC 62053-21) - Class B (EN 50470-1/3)

ENVIRONMENTAL SPECIFICATIONS	
Operating temperature	-5°C to 60°C
Operating humidity	0 to 95% RH, non-condensing
Operating environment	Pollution degree 2
Operating altitude	Altitude less than 2000 m
SECURITY, CERTIFICATION & INTEROPERABILITY	
Security	- Full OTA software updates - Hardware security built-in using TPM 2.0 - PTSI and EN 18031 compliant
Certification	- CE, RoHS - MID*
Interoperability (Visit levelise.com/getting-started for full product compatibility)	- Afore, Alpha ESS, BYD, Fox ESS, SolaX - Coming Soon: Enphase, Giv, Q.Cells, Tesla

* via separate energy meter

WHY FOX?

Fox ESS operates within a global conglomerate, with significant ownership by Tsingshan Group (Global Fortune 500 company) as well as UK stakeholders. Together, **we rank as the world's leading nickel producer and among the top four lithium resource holders worldwide.** This unique synergy allows us to maintain a vertically integrated and secure supply chain. From sourcing raw materials to crafting battery cells and complete energy storage solutions, **we control the entire production process.**

SUPERIOR SERVICE

Fox ESS offer locally based service and support. In the UK we have a dedicated service and support service based from our national service centre. All calls are answered locally by our team of technicians, providing immediate, expert support when you need it most.



SUPERIOR PRODUCTS

At FoxESS, quality is built into every product. From robust components to precision engineering, our systems are designed to perform reliably in real-world conditions. Whether you're installing a single unit or scaling up to meet high-demand needs, our modular and all-in-one solutions offer unmatched flexibility and future-proof scalability. With FoxESS, you're choosing a brand that delivers premium performance, intelligent design, and the freedom to build a system that fits your exact requirements

No.1 MARKET SHARE

With 4000-4500 new connections in the UK every month, FoxESS are comfortably the market leaders in the UK domestic solar & storage sector. Data from S&P Global Insights places our market share at more than 40% and 40% of monthly UK designs submitted through OpenSolar are for FoxESS solutions. FoxESS also rank 2nd globally for residential energy storage shipments.

EASE OF INSTALL

FoxESS systems are designed with installers in mind — from modular plug-and-play architecture to pre-integrated protections that eliminate the need for external components. With minimal cabling and intuitive setup, our solutions streamline every stage of installation, cutting down time on site and ensuring a smooth, hassle-free experience.

TIER 1 MANUFACTURER

FoxESS is recognized as a BNEF tier 1 energy storage manufacturer. To qualify for Tier 1, manufacturers must demonstrate exceptional performance in product quality, technological innovation, market influence, and financial stability.

Storage that **scales**.
Design that **fits**.
A solution for **every space**.



Meet the Fox Family

H1/K Series + EP

For homeowners who want maximum value with room to grow. Exceptional price-per-kWh and installation flexibility.



Best for. Budget-conscious installs, flexible designs, and future scalability.

H1/K Series + EQ

For those who want a proven system with dependable performance. Maximise capacity to 41kWh.



Best for. Reliable day-to-day storage, retrofits, and where space is at a premium.

EVO AIO

EVO is where form meets function. A sleek, slimline wall-mounted AIO solution that doesn't just power your home — it enhances it.



Best for. Premium properties, aesthetic-conscious installs, and high-demand homes.

POWERQ AIO

The PowerQ redefines modular storage with a clean all-in-one design that's stackable up to 30kWh. No external battery cables. No compromises.



Best for. High-demand homes, fast installs, easy expansion and space-efficient setups.



All-Weather Performance – Integrated battery heating for all-weather performance. Outdoor ready for ultimate installation flexibility.



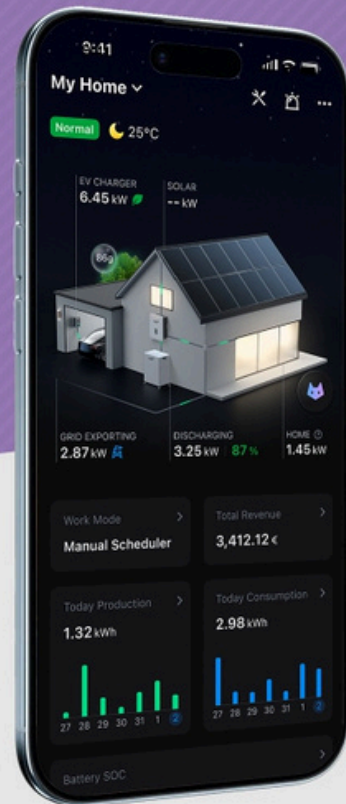
Whether you're after unbeatable value, expandable modular systems, or sleek integrated design, there's a solution in the Fox family that fits your space and your lifestyle.

FOX CLOUD

Smart energy management made simple.



Monitor, manage, and optimise your energy – anytime, anywhere.



POWERED BY AI



Fox Cloud is your online command centre – giving you full visibility and control over your energy system from anywhere. With a clean, intuitive interface, it allows you to monitor real-time performance, review historical data, and adjust settings to suit your lifestyle or energy tariff.

SOFTWARE INTEGRATIONS

WORKING TOGETHER WITH LEADING PLATFORMS...



Smart optimisation – forecasting solar, tracking tariffs, and automatically charging or discharging to cut costs, while also enabling participation in grid flexibility services.



Join a Virtual Power Plant that aggregates Fox systems to support the grid and unlock extra value through flexible energy services.



Kraken's smart tariffs and automation intelligently control Fox batteries to maximise low-cost, low-carbon energy use.



A secure energy connectivity platform that links Fox systems with leading clean-tech apps for seamless optimisation and demand-response control.

ENERGY SUPPLIERS (WORKS WITH): ALSO PARTNERED WITH:



octopusenergy



FOX-ESS.UK / FOX-ESS.TECH

FOX ESS

Commercial Solutions

8.64 > 723kWh

Maximising **energy independence** for businesses of **all sizes**



The H3 Smart is a compact three-phase hybrid inverter and AC charger (5-15kW) built for smaller commercial and large residential projects.

Compatible with EQ & EP



The H3 Pro is a three-phase hybrid inverter and AC charger (15-30kW) and is designed for high-demand sites, combining robust three-phase power.

Compatible with EQ & EP



The H3 Plus is our largest three-phase hybrid inverter and AC charger (50-125kW) and takes performance to the next level.

Compatible with EQ4800 & CQ16

Fox cloud. Smart energy management **made simple.**

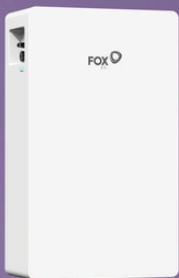
Download Now!



Battery Options

Pair your Fox 3-phase hybrid with a compatible battery option:

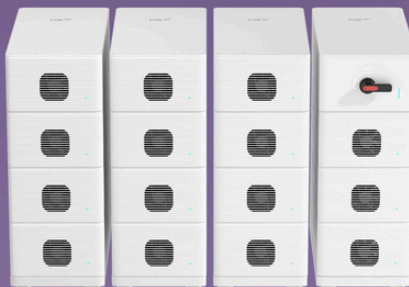
EP6



EQ



CQ16



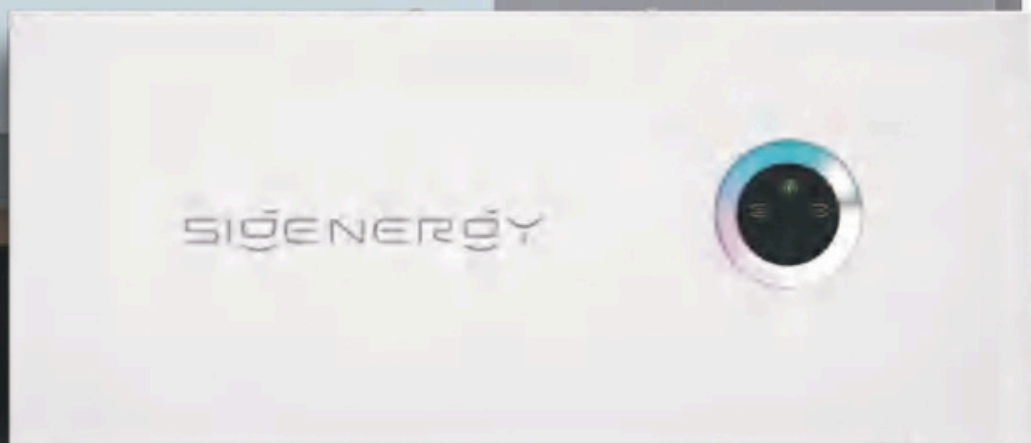
Scan Me To Learn More!



Sigen Battery

- Premium 314Ah cells with 10,000 cycles, long-lasting & reliable
- 5-layer battery safety protection to define the safety standard
- Battery optimizer inside, mix old and new, upgrade with ease
- Higher energy density, efficient storage, compact design
- 100% depth of discharge, maximum energy utilization





Sigen Hybrid Inverter

3.0 – 12.0kW Single Phase

- Battery ready, future proof
- DC/AC ratio up to 2
- Up to 4 MPP. trackers
- IP66 protection rating

INFINITY RT

N-type

Bifacial Module with Double Glass

DMxxxM10RT-B54HBB
440~460W

23.0%
Max. Efficiency

- **Leading manufacturing**
40+ years experience in high-tech manufacturing.
- **High environmental, social and governance responsibility (ESG)**
100% green production, transparent supply chain and excellent ESG rating in the solar industry.

25
25 years
product warranty

30
30 years linear
power warranty



Outstanding Aesthetics

Designed with aesthetics in mind and manufactured using DMEGC Advanced Black Technology.



Extended Stress Tests

Protection against harsh environmental conditions
Certified by TÜV Rheinland.



Green Product

Focus on circular economy - low carbon footprint,
PFAS-free and recyclable components.

COMPANY MANAGEMENT SYSTEM

SA 8000: ILO Standards. Social responsibility standards
ISO 9001: Quality management system
ISO 14001: Environmental management system
ISO 45001: Occupational health and safety management system
ISO 50001: Energy management system
ISO 27001: Information security management system

PRODUCT CERTIFICATION

IEC 61215, IEC 61730
Extended-Stress (IEC TS 63209)
Ammonia Corrosion (IEC 62716)
Salt Mist Corrosion (IEC 61701)
LeTID (IEC TS 63342)
Dust & Sand (IEC 60068)



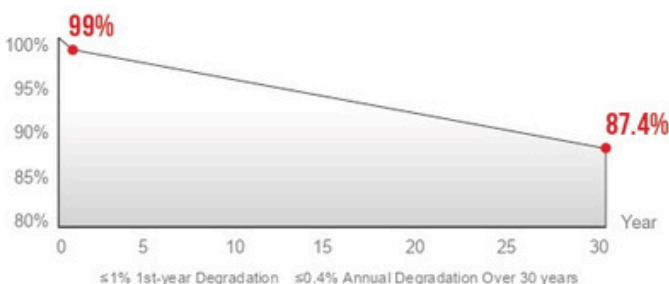
SolarPower
Europe



Warranty partner

Munich RE

POWER WARRANTY



WHAT HAPPENS NEXT?



Generate Enquiry



Book remote install appointment



Design a system



Pre install appointment



Accept Quote



Provide Quote and information



Book install date



Equipment Delivery



Installations



"Refer us and earn £250"



Courtesy Call



Audit

10 reasons why our customers love us?



1



Proven Track Record

With 12 years of rapid growth under our belt, Alliant Energy Ltd is still led by its original founder. By focusing we have grown to be one of the most established and successful PV Solar installers in the UK.

2



Expert Installers

We're HIES, MCS and NICEIC accredited. Your system will be installed to the highest possible standard - that's a promise!

3



No pushy salespeople

Of course we want your business, but we're looking to build long-term relationships with happy customers who will recommend us to their friends. Our experienced and qualified in-house design team will only sell you a system that works for your lifestyle and budget

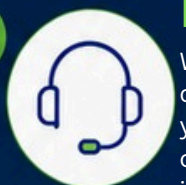
4



Low prices

We are focussed on delivering the best products at the cheapest possible prices, giving you unbeatable value and exceptional service. We buy and hold stock in large volumes and have key relationships with our supply chain, sharing these savings with our customers.

5



Keeping in touch

We know how important this is, and it's one of the keys to our success. We keep you informed every step of the way, and call you personally once your installation is complete to ensure you are completely happy with your new system.

6



Always here to help

Our service does not stop after the installation. We will be on hand to support you for the lifetime of your products.

7



Fast survey

Using the latest cutting edge technology and our bespoke software, we are able to design systems accurately and fast. And by avoiding the need to send out an expensive surveyor, we can keep our prices even lower.

8



Quality control

100% of our installations are audited to ensure they are fully compliant with all regulations, and the highest possible standard of workmanship.

9



Installed 2500 solars

We're proud to have installed 2,500 solar panels in almost 250 homes across the UK,

10



Rapid Installations

Once you've decided to proceed, every day you wait for your PV system to be installed could be costing you money. While many competitors take up to six months, we can typically install your system within just 2-4 weeks sometimes even sooner.

CUSTOMER REVIEWS

RATED EXCELLENT

by our customers

Google
Reviews



JA

★★★★★ **Junaid Akber**

Highly Reccomended

I would highly recommend Alliant Energy Solar. From the very beginning the whole process was straightforward, professional and well organised.

Adam clearly has an excellent depth of knowledge and took the time to explain everything properly so I could make the right decisions about the system for my needs. I never felt pressured into anything and instead felt well informed and confident that I was getting the best setup rather than just the most expensive option.

MH

★★★★★ **Mohammed Habib**

Excellent service

A huge thank you to Alliant Energy Ltd for the solar and battery installation at my property. They made the whole process easy and stress-free for him. Top-notch service and very professional. 5 stars!

G

★★★★★ **Gulz**

Great service!

Had solar panels fitted at my families house by Alliant Energy Ltd and couldn't be happier. Excellent service from start to finish. Highly recommend!

HA

★★★★★ **School Awareness**

Heartfelt thanks to the team at Alliant Energy Ltd

School Awareness would like to extend our heartfelt thanks to the team at Alliant Energy Ltd for their valuable support of our safeguarding campaign. Their kindness, generosity, and dedication to creating a safer environment have played an important role in spreading awareness and supporting the wellbeing of children, families, and the wider community. We truly appreciate their contribution and commitment to making a positive impact.

SA

★★★★★ **Haroon Ali**

Excellent Srvicce

Alliant Energy did a really professional job installing our solar panels and battery system. They turned up on time, worked respectfully in and around the house. The price was competitive. The whole process from survey, to installation was smooth and simple. Thanks.

REFER A FRIEND AND RECEIVE £250



		Date _____
Pay	<i>Your Name</i>	£ 250.00
		for and on behalf of _____
000123		000123456789

We are giving our customers the opportunity to **earn up to £250** for every referral they make and installation that follows. So start spreading the good news and receive a **£250** transfer to spend however you want.



MORE VALUE

Earn up to £250
in rewards



MORE FREEDOM

Spend it your way, on
what matters most



MORE CHOICE

Use your reward
how you like

Discover more at : **alliantenergy.co.uk**

RECENT INSTALLATIONS

Quality solar solutions installed
with precision and care

Domestic Solar Panels



RECENT INSTALLATIONS

Quality solar solutions installed
with precision and care

DOMESTIC SOLAR PANNELS



EXPERT
INSTALLATIONS



PREMIUM
EQUIPMENT



RELIABLE
PERFORMANCE



SUSTAINABLE
FUTURE

Discover more at : alliantenergy.co.uk

RECENT INSTALLATIONS

Quality solar solutions installed
with precision and care

COMMERCIAL SOLAR PANNELS



EXPERT
INSTALLATIONS



PREMIUM
EQUIPMENT



RELIABLE
PERFORMANCE



SUSTAINABLE
FUTURE

Discover more at : alliantenergy.co.uk

FAQS

Everything you need to know about going solar with **Alliant Energy**.



➤ Why choose Alliant Energy?



In addition to our wide range of systems, helpful advice, friendly service, fast installation, and extremely competitive prices, we are one of the UK's largest and longest established companies supplying PV solar systems installing up to 50 systems a week during peak periods! We also carry over £4m of stock in our own warehouse ensuring we can have your system installed and working within as little as 2-4 weeks from the date you decide to proceed. And enabling you to benefit from your own Green Electricity and Lower Energy Bills for quicker compared with other suppliers.

➤ How long does it take for my new PV system to be installed?



We've gone to a lot of effort to make our process as simple as possible!

Step 1: You confirm that you'd like to go ahead in principle and pay a £200 refundable holding deposit.

Step 2: We schedule a Pre-Installation Call ("PIC") with one of our experienced senior technicians; before this takes place, you'll need to send us some photos of your house and roof (we'll be at the end of the phone to help if needed) so we can ensure your installation goes smoothly. Occasionally, we may need to adjust your quote (up or down) to reflect anything we find in the photos that we weren't expecting.

Step 3: If we've increased the price of your system during the PIC and you decide not to proceed, then we'll refund the £200 holding deposit. If you're ready to proceed, you'll need to sign the contract and pay a 25% deposit by credit or debit card.

Step 4: We'll allocate stock for you in our warehouse, agree a target installation date with you (typically 2-4 weeks), arrange any necessary scaffolding, and allocate one of our experienced fitting teams. We'll also arrange any approvals that are needed with the National Grid so you can sell any surplus energy you produce (often referred to as obtaining a "DNO").

➤ What is real payback period on my new PV system likely to be??



Obviously every customer is different, but one helpful way to look at this is by comparing the interest you could be earning each year on the money you'll spend buying your PV system (after tax), with the savings you'll make on your electricity once it has been installed. **For example**, a typical 16-panel Solar PV installation (including a 5KW battery) costing around £10,000 could reduce your electricity bill by around £1,300 a year (in addition to an extra £100+ you'll receive from selling your surplus electricity) compared to the interest you might receive on your savings of under £200 (based on an interest rate of 2.85% and after paying 40% tax). That's at least a 7x Higher return on your cash than you are receiving from leaving your cash in a bank! This example is based on current retail energy prices (which many experts expect to increase significantly over the next few years), and the high current rates of interest on savings.

➤ Will the cost of PV fall if i wait?



No-one knows what the future holds, but prices are more likely to increase due to rising transportation cost, Labour cost and energy to manufacture panels and Batteries. Our view is that the most sensible decision is to get your new system up and running as quickly as possible, if you have made the first step to going **Alliant Energy**. Consumers are already benefiting from a significant fall in the price of solar panels and batteries compared their cost a few years ago, due to the big increase in manufacturing efficiency as volumes have risen, so any future benefits from higher volumes are likely to be outweighed by the impact of inflation on raw materials, labour, distribution and installation costs.

FAQS

Everything you need to know about going solar with **Alliant Energy**.



> Q: Is my Deposit Protected?

A: Yes As we are a member of HIES, your 25% initial deposit is protected under their insurance backed deposit scheme. Any Balance over 25% of your contract value is not protected.



> Q: Does it matter what direction my roof is facing?

A: Solar PV can be a sensible choice wherever you live in the UK, and whatever the orientation of your roof our experienced team will help design the best possible system for your specific circumstances. So although panels with consistent direct sunlight in a southerly location will produce the most electricity, they don't need to face south or have a perfect pitch to work. The good news is that your panels will still generate electricity on cloudy days when there is no sun at all!



> Q: Do I need planning permission?

A: In most cases you won't need planning permission unless you live in a Conservation Area or Listed Building. If you are in any doubt, you need to check by calling your local authority before ordering your system.



> Q: I have lots of shading, is this an issue?

A: Shading on your PV panels will always reduce the potential maximum theoretical power output of the system. Even objects as small as a tree branch, a pipe, or a building on the horizon can reduce the output of any affected panels, so systems need to be designed either away from shading, or by using a panel optimiser to minimise the effect. Shading generally won't prevent you from having a PV system installed, but it can increase the payback period. But don't worry we will look at this during your free and no obligation design call, and incorporate any shading into our calculations.



> Q: Where should I have my Inverter fitted?

A. Our design team will discuss the most suitable location at your property to fit the inverter during your Pre-Installation Call. Popular options include attics, garages, and sometimes even an outside wall of your home; it's best to find a cool/sheltered area if possible.



> Q: Where will the batteries be installed?

A. There is no best answer to this one! We'll work with you to identify the most suitable place in your home, which will generally be as close as possible to the incoming supply (meter) and/or your distribution panel (fuseboard), at ground level, and in a cool/sheltered location. Sometimes they can be wall-mounted in your garage, or on (or against) an external wall as they are fully weatherproof (Puredrive and Tesla only). While one Powerwall or Puredrive battery is sufficient for many customers, larger homes may require multiple batteries to maximise savings and deliver a longer period of backup power. All batteries contain a pump and fan, which produce a - comparable to a typical refrigerator.

ENERGY