INFINITY
RENEWABLES GROUP

WELCOME

TO THE INFINITY RENEWABLES GROUP

Your alternative energy specialist, empowering you

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www.infinity-renewables.com



ABOUT US

A team of alternative energy specialists



Who is Infinity Renewables Group? Infinity Renewables is one of the largest solar companies in the UK, having installed in thousands of homes across the UK, yet we are still run as a family business. We are fully committed to supporting the environment and working towards a carbon-neutral society

We offer a personalised customer experience, listening to requirements and tailoring a unique solution for each customer's home. Using the highest quality brands with extended warranties, we embrace the latest technology to ensure that, you, the customer, receives great returns on investment and reassurances of the longevity of the product.

WHY THE INFINITY RENEWABLES GROUP ?

We believe in making a positive change by using safe sources of energy to power our planet

With years of experience we make the process simple from initial consultation, to design and supply.

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OUR OFFER

We put our customers at the heart of everything we do



From initial consultation through to postinstallation, we support our customers throughout, listening every step of the way to ensure expectations are met. Coupling this with the highest quality brands we ensure that you, the customer, receive great returns on investment and reassurance of the product(s) longevity.

WHY THE INFINITY RENEWABLES GROUP ?

Our friendly team of experts are dedicated to helping you optimise your energy usage Our aim is to help homeowners and business owners to be able to reduce their carbon footprint, future-proof their properties and to save money on rising electricity costs

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Infinity Renewables

Reviews 315 • Excellent

4.6

VERIFIED COMPANY

A day ago

Les Hawkey

We had great installation by the Infinity team ...

We had great installation by the Infinity team. Terry and Charlie the electricians explained everything and took care to ensure that they were not interferring with our work and they left no mess and you would not have known they had been. Luke who installed the panels kept us fully informed on what he was doing and how everything worked. Fantastic service.

6 days ago

Excellent fitters and good value system

Excellent fitters and good value system

Good value Solar panel system, some issues with delay of getting optimisers and having to have them fitted at a later date which was an inconvenience. However all the fitters were lovely, Scott was really thoughtful making sure the wires were out of sight and setting up the app and explaining it, and Michael, Daniel and Ash went above and beyond clearing the moss out of the gutters and working very carefully around a pigeons nest with a baby in it. All really friendly and hardworking guys.

Aug 13, 2022

Peter

Excellent Solar System, installation & support

The Solar System - panels, battery and EV charging unit - is working as expected, thanks especially to lost of sunshine in the last couple of weeks! The installation team of Mark, Michael and Dan are obviously very experienced, plus Mark found an innovative way to hide the cables to and from the consumer unit in a cupboard under our stairs. There were a couple of issues which have been resolved quickly and efficiently. The customer service team are swift to answer calls and provide timely updates.

Infinity Renewables have successfully delivered over 6000 installations for the Solar Together Schemes across several counties:

- Surrey
- Sussex
- Wiltshire
- Hampshire 2021
- WECA Bristol/Bath/Somerset
- Hampshire 2022
- Wiltshire 2023
- Essex
- Surrey 2023
- Sussex 2023

@InfinityRenewablesGroup

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ACCREDITATIONS

Infinity Renewables are also proud members of RECC, NICEIC, MCS, FCA and TRUSTMARK amongst other qualifications. We continually keep our team trained to the highest standards in this ever-evolving market and adhere strictly to the standards laid out by MSC. We are proud to say we are licenced to Install solar PV, Battery Storage, Car Chargers and air source heat pumps

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CONSUMER PROTECTION

INFINITY RENEWABLES GROUP LTD is a member of the RENEWABLE ENERGY CONSUMER CODE (RECC), which is backed up by the Trading Standards Institute. RECC ensure that consumers are dealt with professionally, courteously and sympathetically at all times. Any products installed by RECC Members must be fit for purpose, installed professionally and come with comprehensive guarantees, which are covered by specialist insurance providing consumers with a high level of protection.

Our registration number is 00070740.
For more information please visit https:// www.recc.org.uk where you can view the full consumer code.

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HOW WE CAN HELP YOU BY SWITCHING TO AN ALTERNATIVE ENERGY SOURCE

REDUCE YOUR CARBON FOOTPRINT

Solar electricity is green renewable energy and doesn't release any harmful carbon dioxide or other pollutants

HELP YOU SAVE MONEY

Show you how renewable energy can help you by dramatically reducing your utility bills.

SELL YOUR EXCESS ENERGY

Make extra money with energy you don't use by selling it back to the national grid at a secured rate.

BECOME SELF SUFFICIENT

Add to your sustainable future and become self sufficient for your energy usage.

MAKE YOUR PROPERTY MORE DESIRABLE

Show you how solar can set your property apart from the rest and making it more desirable.

FUTURE PROOF YOUR PROPERTY

Show you how solar can help you in the event of rising energy costs.

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PERFORMANCE GUARANTEE



*Thanks to the use of PERC cells, our modules are able to reach higher efficiencies, as they facilitate the light imprisonment in close proximity to the rear surface and optimise the electron capture.

PANELS

425W Mono All Black Module or equivalent tier 1 equal power class or higher

Powered by high-efficiency PERCIUM cells, this series of highperformance modules provides the most cost-effective solution for lowering the LCOE of any PV systems large or small.

- Rating: 425W
- Efficiency: 21%
- Dimensions: 1,762 * 1,134 *30
- Product Warranty: 12 years 25 years performance
- Performance Guarantee: 93.1% - 10 years 85% - 25 years

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INVERTERS

Growatt Inverter



Growatt, a global leader of smart energy solutions, provides residential, commercial and utility-scale PV inverters, energy storage systems, microgrid systems and smart energy management solutions. The company is dedicated to becoming the world's largest supplier of smart energy solutions with an annual output of 20GW. Growatt TL-X and TL-XE range is the most up-to-date smart inverter solution for rooftop solar systems. Its of compact design and outstanding efficiency of 98.4%

01 **Includes Wi-Fi and monitoring**

02 **Product warranty - 10 years**

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BATTERY STORAGE

Growatt flexible capacity options, 2.56kWh to 25.6kWh

Battery Storage

11 YEARS EXPERIENCE

Growatt Ark LV 2.56kWh Solar Battery Storage modules.
Growatt uses lithium-iron-phosphate(LiFePO4) battery technology, which is one of the most reliable, safe and long-lasting lithium battery technologies available. The module can be purchased individually to expand a previously installed rack. It's not a stand-alone product. Starting at 2.56 kWh. Batteries can be added on to make a system with a maximum of 25.64 kWh.



2.56kWh BATTERY KEY FEATURES:

- **Flexible capacity options, 2.56kWh to 25.6kWh**
- **Maximum Size total per stack 25.6kWh**
- **Dimensions:650 mm x 260 mm x 185 mm**
- **High energy density and efficiency**
- **Excellent safety of LiFePO4 battery**
- **DoD up between 94.5%**
- **Lifetime of 6,000 cycles**
- **10 Years warranty**

IBOOST / PV MATE

Solar iBoost / PV Mate Immersion Controllers



Installing a Solar Power immersion controller to your home's hot water tank helps cut the cost of water heating, reduces the use of your boiler and maximise the free solar energy generated at your property. This technology enables you to automatically consume excess energy generated by your solar panels.

- Responds rapidly to the varying home consumption and changing weather ensuring tha only excess power is used
- LED display giving visual indication of the system in operation
- Wireless Sender eliminates unsightly and costly wiring
- Simple programmable timer
- Accurate power measurement and heater control
- Built-in Boost override switch keeps you in control with 15 minute increments up to 2 hours
- 2 Year Warranty for iBoost 5 year Warranty for PV Mate

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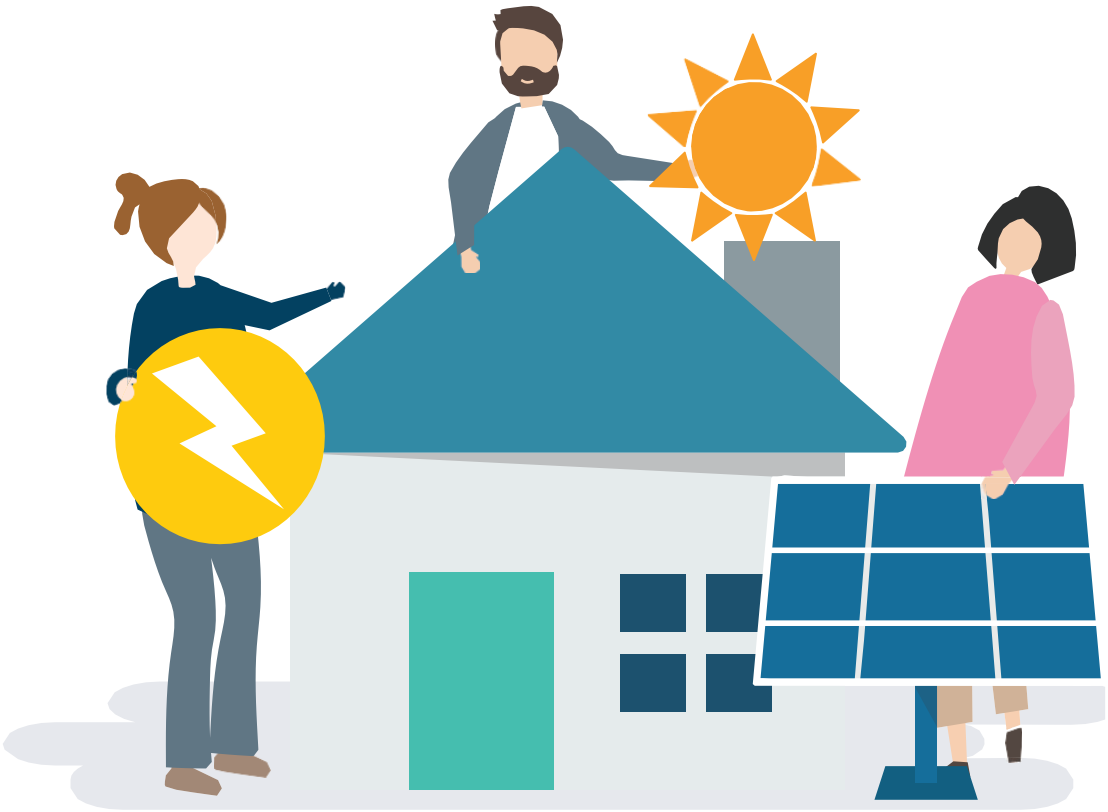
PROCESS & INSTALL



1. Accept Recommendation
2. In Home Survey / sent signed copy of chosen design
3. Installation Date / 25% Deposit within 14 days
4. Pre-installation paperwork is filed (DNO)
5. Any product or design changes can be made top to 30-days out
6. 7 - Day out install email/ scaffolding arrangements
7. Installation Day / The team will run you through the proposed plan
8. Final Balance Due / Handover Pack MCS certification
9. Monitoring App

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SOLAR TOGETHER INSTALLATION VARIATION CHARGES AND OPTIONAL EXTRAS



HOT WATER BOOSTER

A Power diverter is a device that detects when your solar PV system is exporting electricity to the grid and will divert the generated energy to heat the water in your immersion heater



BIRD PROTECTION

In areas where pigeons or other wildlife can inhabit your roof solar power can often become an ideal home for unwanted guests. Bird proofing is often deemed as an essential for domestic solar installations.



EMERGENCY POWER SUPPLY SOCKET

The emergency power supply socket is an outlet that can be used on the property in the event of a grid blackout. This function will allow you to use your stored battery energy in a blackout.



FLAT ROOF KIT/BALLAST

Flat roof installation require a variation of mounting equipment and additional materials like ballast



SMART EV CHARGER

EV Charger comes packed with a range of features and boasts a market leading five year warranty. With a compact sleek design and solar compatibility, this charger also provides the user with the capability to take advantage of off-peak energy tariffs, potentially saving £100's per year



SPRAY FOAM INSULATION PRESENT

Properties that have spray foam present in their roof will incur an additional variation charge for installation. Often the tiles need to be lifted or broken sway in order to conduct the installation.



WiFi BOOSTERS

For the inverter to be connected to your home's wifi for the smart monitoring app to work you will need a minimum of 2 bars if wifi strength at the inverter location.



EXTRA GARAGE BOARD \ INTERNAL CABLE RUN

An additional circuit may need to be installed as part of your new installation if no suitable sparely is available in your current consumer unit.

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LET'S START WITH YOU

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SURVEY CHECK LIST



Measurements Required

- All target roof height from gutter to ridge
- All target roof length
- All target roof pitch
- All target roof obstructions measured
- Loft hatch for battery storage
- Any necessary cable run measurements

Photos Required

- All target roof tiles / Ariel Image
- All target roof obstructions
- All target roof scaffold area & access
- Loft Hatch
- Electricity meter / consumer unit
- Inverter / battery mounting locations
- Internal / External cable runs
- Wifi strength
- Additional install areas, EV Charger location, immersion coil, fused spur

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SURVEY CHECK LIST

Offered

- Bird Proofing
- EV Charger
- Immersion controller
- Battery Storage
- EPS Socket
- WiFi Boosters



Discussed

- Solar Panel sizing options and pricing variations
- Estimated solar output
- Battery storage options / pros & cons
- Roof fixing style
- Install variation charges due to fixing method, access or scaffolding etc.
- Optional extra's pros & cons
- Mandatory extras due to property variation
- All possible install locations and their merits
- Access to Wifi essential if monitoring app required but not essential
- Internal external cable run locations & aesthetics
- LOA Required?
- Additional inverter required?

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YOU'VE GOT THE POWER

GO GREEN AND REDUCE YOUR CARBON FOOTPRINT TODAY
HELP MAKE FOSSIL FUELS A THING OF THE PAST

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QUESTIONS & ANSWERS

Solar Together

