



TITAN **ECO**

**ENERGY SYSTEMS THAT
WORK FOR YOU**

SOLAR PV, BATTERY STORAGE &
EV CHARGING INFRASTRUCTURE

www.titaneco.co.uk

ENERGY SYSTEMS

THAT WORK FOR YOU

TITANECO



OUR WORK

WHAT WE DO

Titan Eco delivers solar, battery and EV-charging systems that integrate seamlessly into buildings and estates – across on-roof, in-roof, flat-roof and ground-mounted installations, tailored specifically to each site.

ABOUT US

WHO WE ARE

With more than 50 years' combined experience, our reputation is built on clear communication, dependable delivery and systems that perform as designed – from compliance through to long-term operation.



SOLAR PV SYSTEMS

Solar PV installations from
1kWp - 500kWp



BATTERY STORAGE

A range of AC / DC coupled
batteries and inverters



EV CHARGERS

Single/3-phase standalone
and integrated chargers

For more information visit our website:

www.titaneco.co.uk



INTRODUCTION

OUR APPROACH

We've been delivering solar and energy systems since 2010. Over that time, we've learned that no two projects are ever the same – and that successful outcomes depend on system design, compliance and delivery being shaped around the realities of each site. That's why we take a true end-to-end approach, working closely with every client to understand their technical, commercial and programme requirements before designing and delivering a system that fits from day one.



DEVELOPER

We understand the range of challenges faced by developers today. That's why we've developed an adaptive scheduling system that enables us to work efficiently, while adapting to evolving deadlines. Our end-to-end service also includes detailed consulting, ensuring that all requirements are met on time and with minimal hassle.

RESIDENTIAL

With extensive expertise in residential solar PV and battery installations, we specialise in tailoring our systems to suit homes of all sizes. As part of our ongoing commitment to quality and innovation we also fit all on-roof solar panels with our premium pigeon-proofing system, SolaSkirt, finishing each array with sleek black aluminium edging.

COMMERCIAL

We work on a wide range of commercial properties, including farms, churches and County Council buildings, handling everything from the grid application to the export tariff, and the REGO certificate where relevant. Post-installation, we monitor system performance and provide comprehensive ongoing technical support.

OUR PROCESS

We bring together design, compliance and on-site delivery into one coordinated process – ensuring every system is built around the realities of the project, not a one-size-fits-all template. Every project is different, which is why we tailor each step to your specific requirements. Our dedicated team is on hand throughout, offering clear guidance and support at every stage of the process.

ANALYSIS

Our first step is to review build plans and energy targets, then design a system that meets SAP, BREEAM and Future Homes requirements while supporting long-term performance and handover.

01

PROPOSAL

Once analysis is complete, we provide a detailed proposal outlining our system recommendations, performance expectations, and technical specifications aligned with project requirements.

02

INSTALLATION

Solar panels are fitted once the rooves are ready, with inverters and commissioning being completed when the plots have power. We also submit grid applications as required.

03

AFTERCARE

We provide clear homeowner documentation and a direct point of contact for future support. Additional panels, battery storage, or EV chargers are also available post-handover.

04



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Our partnership with Titan Eco is not new; it is built on a foundation of successful past projects. Over the years, we have come to rely on their expertise and dedication to sustainability.

Each project has been a testament to our shared commitment to environmental stewardship and innovation. The High House Farm development was no different, and we are pleased to report that it has been another successful collaboration.

David Lawn
Head of Technical, Macar



CASE STUDY #2

HIGH HOUSE FARM 50KWP SOLAR INSTALLATION

OBJECTIVES

To support its sustainability goals and meet energy performance requirements, this residential development required comprehensive solar energy installations across 15 properties.

OUTCOMES

112 high-efficiency, all-black DMEGC 450W panels were installed across 15 plots, paired with Solis inverters and Enphase microinverters. Panels were mounted using the GSE in-roof system for a stable, discreet, and visually integrated finish.

BENEFITS

The systems generate on-site renewable electricity, reducing grid reliance and carbon emissions across the development. The project sets a clear example of effective solar integration in residential developments and was recognised as Commended in the Regional New Build Project of the Year category at the Energy Efficiency Awards 2025.



CASE STUDY #1

WATKINS COLE

14.6KWP SOLAR INSTALLATION

OBJECTIVES

The property developer needed solar panels installed on 15 houses, with 3 panels per property to meet SAP requirements. 12 houses had **flat rooves** (with a green roof); 3 houses had tile rooves and required **in-roof** solar systems.

OUTCOMES

The installation consisted of 45 panels, plus 15 x 0.7kW Solis inverters. 36 Consol+ ballasted bins were fitted on the flat-roofed properties; 9 GSE in-roof bins on the tile-roofed properties.

BENEFITS

The solar installations enabled this developer to meet the SAP requirements of 0.9kWp per house, with each property benefitting from solar power. The systems were installed on time, with minimal disruption to ongoing construction work on-site.

AT A GLANCE

Challenges

- Installing the solar panels to a tight build timescale and around the ongoing building activity onsite.
- Multiple solar panel installations, cable runs and inverters to be fitted across a number of buildings.
- Ensuring no penetration of the flat rooves, which would have caused leaks.

Solutions

- Close co-ordination with the developer and construction teams was essential, ensuring minimal disruption to ongoing work.
- Consol+ ballasted bins were used across the flat-roofed properties, as these are non-penetrative.



OUR VALUES

Our values serve as the guiding compass for our business, shaping our decisions, actions, and relationships - ultimately defining our reputation.

INTEGRITY

Integrity sits at the heart of how our business operates. We give clear, honest and informed advice on the right system components for every project, guided by what will deliver the best outcome for our clients – not by what suits us. Our focus is on balancing compliance, performance and long-term value, with open communication at every stage so every system delivers exactly as intended.

INNOVATION

Innovation fuels our growth, keeps us competitive, and ensures we continue meeting our clients' evolving needs. By fostering a dynamic, solutions-focused culture, we refine processes, explore new ideas, and stay ahead in a rapidly changing market. The development of our flagship pigeon-proofing system, **SolaSkirt®**, highlights our commitment to solving industry-specific challenges and driving meaningful change in the solar sector.

END-TO-END SERVICE

We take full ownership of the solar installation process - from planning through to final sign-off. You'll have a dedicated project manager as your main point of contact, ensuring clear communication and consistency throughout. We coordinate closely with other trades, stay aligned with your build schedule, and minimise disruption on site. Our team understands how construction really works - and we work to ensure every installation is executed safely, efficiently, and to spec.



5.0 ★★★★★

Scan to read our reviews



When I founded the company, I set out to build a business grounded in integrity and innovation, with the customer journey at its core. Those values have remained central to our daily operations, supported by a strong team who share the same ethos.

Our growth has been driven by a consistent focus on quality delivery, regulatory compliance, and systems designed for long-term performance. That focus remains rooted in the same principles that defined our beginnings – and continues to guide how we operate and evolve today.

SAM TILLEY

Managing Director, Titan Eco



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