



TITAN **ECO**

**ENERGY SYSTEMS THAT
WORK FOR YOU**

SOLAR PV, BATTERY STORAGE
& EV CHARGERS

www.titaneco.co.uk

ENERGY SYSTEMS THAT WORK FOR YOU

TITANECO



ABOUT US WHO WE ARE

With 50+ years' combined experience, our friendly team of solar industry experts are renowned for providing exceptional client care, ensuring a consistently high rate of referred business. Our core values reflect our commitment to open, honest, and prompt communication.

OUR WORK WHAT WE DO

We specialise in the installation of solar PV and battery storage systems, as well as EV chargers. Our projects include commercial, developer and domestic installations. The scope of our work includes: on-roof, in-roof, flat-roof and ground-mounted systems.



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 working in the solar industry since 2010, when the renewable revolution took off. Our years of experience have taught us that every project is unique and requires a fresh approach. Components that may be suitable for one project may not work for another, and the key considerations for a business owner may differ from those of a developer or homeowner. This is why we provide an end-to-end service, to ensure we fully understand each client's unique requirements - enabling us to deliver an energy system that meets their exact wants and needs.



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.

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.

DEVELOPER

We understand the range of challenges faced by developers today. That's why we've developed a dynamic scheduling system that enables us to work efficiently, while adapting to evolving deadlines. Our 360° service also includes detailed consulting, ensuring that all SAP/BREEAM requirements are met on time and with minimal hassle.

OUR PROCESS

At Titan Eco we committed to providing a comprehensive, personalised service. We understand that the scope of each project is different, which is why we tailor each step of your journey to suit your specific needs. Our dedicated team are here to guide you through at every stage, minimising stress and ensuring you a worry-free experience.



ANALYSIS

Our first step is to carry out a full site survey to assess the premises for optimal system design. We then complete a comprehensive sun exposure and energy-usage analysis.

01



PROPOSAL

Once analysis has been completed, we design a bespoke energy system based on our findings. We then present a detailed proposal, outlining recommendations and specifications.

02



INSTALLATION

Pre-installation, we prepare and submit grid applications where necessary. The system is then installed, tested and commissioned, in line with MCS standards.

03



AFTERCARE

Following installation we provide a comprehensive long-term support service, including: technical assistance, performance analysis and system monitoring and maintenance.

04



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 roofs, 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.

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.





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Great service from the Titan team. They were professional, quick and reliable in all dealings with us, from the initial enquiry to completion. They continue to provide ongoing support and a fabulous aftercare service.

We continue to use them throughout our portfolio as trusted consultants and contractors. Highly recommended.

Julie Windress

Property & Asset Manager

CASE STUDY #2

SPACE STATION 100KWP SOLAR INSTALLATION

OBJECTIVES

Space Station decided to install solar panels and battery storage at their Shrewsbury site to reduce their energy costs - and to uphold their commitment to sustainable practices.

OUTCOMES

The project incorporated 240 solar panels and 3 Tesla Powerwall batteries, enabling the facility to store excess solar energy for use at night - or during periods of high demand.

BENEFITS

The solar panel installation at Space Station in Shrewsbury not only reduced operational costs but also aligned with the facility's sustainability goals. It showcases the feasibility and benefits of solar energy integration for commercial applications while ensuring reliable power supply through energy storage solutions.



OUR VALUES

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

ETHICAL

Acting ethically and with integrity is at the core of who we are and how we operate. We provide our clients with honest, accurate and appropriate advice on which system components will yield the maximum ROI (return on investment), enabling us to deliver energy systems that truly meet their needs and expectations.

INNOVATIVE

Innovation fuels our growth, keeps us ahead in the market and ensures we meet our clients' needs. By fostering a dynamic and innovative culture, we continuously refine processes, explore new ideas, and remain competitive in a rapidly changing business environment. Our premium pigeon-proofing system, SolaSkirt, showcases our commitment to finding innovative solutions to industry-specific issues and driving change in a growing marketplace.

360° SERVICE

We work closely with our clients, offering guidance and support from start to finish. For our commercial clients, we apply for the grid application, obtain export MPANs and assist them in registering for the export tariffs and REGOs to help them maximise their profits. We also guide developers through the process to ensure they meet their SAP/BREEAM requirements. Following installation, we offer advice and technical assistance, ensuring our clients receive ongoing support whenever they need.



SAM TILLEY

Managing Director, Titan Eco

When I founded the company, I was setting out to build a business based on integrity and innovation, with the customer-journey at its core. These values have remained at the heart of our day-to-day operations, with the support of a strong team who share our ethos.

It's been an incredible journey, building on these foundations - and I feel fortunate to have found success in an industry with the potential to make a positive change in the world.



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5.0 ★★★★★ Reviews

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