CASE STUDY

AES Solar
Established 1979

Home of the Future

New Build with Full Product Range

Project Overview

This domestic solar thermal and 4 kWp solar PV system includes a Tesla Powerwall 2 and EV charging solution all installed by AES Solar.

The AES Luminary 2.5 collectors were designed and manufactured by our engineers and installed alongside the 14 solar PV monocrystalline modules. The Tesla Powerwall will store the excess solar power produced instead of exporting to the grid.

This is combined with EV charging which not only has environmental benefits but meets government targets well in advance of the 2032 deadline. This household is well on its way to energy independence.

This solar-plus-storage-plus-EV charging solution will utilise the free, abundant power of the sun. This will increase self-consumption making the household less reliant on the grid and energy bills.

- Solar Thermal: 2 x AES Luminary 2.5 AR Flat Plate Solar Collectors
- PV Modules: 14 x JA Solar 295W Monocrystalline Modules
- Battery: Tesla Powerwall 2
- EV Charger: EO Mini 32A 7kW socket version
- Mounting: Renusol Trisole Mounting Frame

"AES Solar are always a pleasure to work with and this occasion was no different. This client had specific needs and AES Solar were available to help from start to finish." - Grant and Geoghan Architects

AES Solar offers extensive experience with solar systems for both domestic and business clients. Established in 1979, let us power you up!

Design | Manufacture | Installation | Servicing
Electric Vehicle Chargers | Battery Storage

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