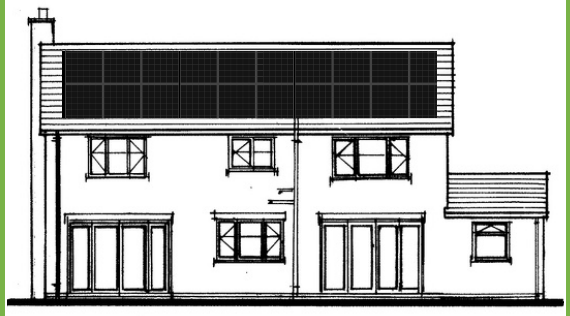
SOLAR PV ESTIMATE

PROLECTRICO



rear elevation

This document is a desktop estimate created to give a general idea of the costs involved with the supply and installation of solar PV and battery storage systems. For an official quote, a site survey will be required.

Client : Jack Fairhall

Address for the Proposed Works : Launders Bank Farm, Eaves Lane, Bucknall

Brief : This client is interested in solar PV and battery storage to generate power for general domestic use and to help towards the running costs of a heat pump.

Specification :



Solar Panels: Perlight Delta 425W Total Black Mono solar panel

All-black appearance offers an ultra-sleek and modernised look. Perlight's technology offers an innovative structure and high density cell layout that...

Model	PLM-425OM10A-44B
Power	425 watts
Dimensions	1096 x 1812mm



Battery: Huawei LUNA 5kWh Lithium Ion Battery

Huawei LUNA 5kWh Lithium Ion Battery (Requires BMS)

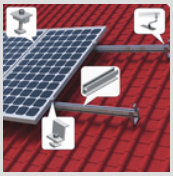
Capacity	5.000 kWh
Quantity	2



Inverter: Huawei 6kW L1 HV 1ph hybrid

Huawei Hybrid Inverter - Smart Energy Controller

AC	6000 watts
Power	2
Trackers	



Mounting: Fastensol pitched roof mounting system mounting system

Fastensol are an excellent value, fully MCS accredited choice for pitched roof mounting systems, suitable for the majority of roof types.

Designed for	Concrete Tile roofs
Colour	Not specified

Comments : The system specified in this estimate features a 8.5 kW array located on the south western roof facing the garden. This system will consist of 20 roof mounted panels and a 6 kW hybrid inverter.

This array is estimated to generate over 6,792 kWh per year.

This estimate has included an 10 kWh battery to store some of the energy generated for later use. Further batteries could be installed if required to increase storage capacity.

The total cost to supply and install this PV array, inverters and batteries would be

8.50 kW PV System

Annual CO2 savings of 1,442 kg

10 kWh Battery Storage

6,792 kWh/yr

£15,792 inc VAT

FOR INFORMATION PLEASE EMAIL : CONTACT@PROLECTRICO.COM