



SYSTEM OPTIONS

10 Panels + Battery

4.7 kW

System Size

£690

Estimated Annual
Energy Bill Savings

£62,082

Lifetime Energy Bill
Savings

475 %

Total Return on
Investment

Your Solution

Solar Panels

Hengdian Group DMEGC Magnetics

4.700 kW Total Module Power

10 x 470 Watt Panels (DM470G12RT-B48HBB/HBW)

4,151 kWh per year

FoxESS H1 SERIES (G2) Hybrid Inverter

5 kW of Inverter Power

Fox ESS

1 x H1-5.0-E-G2

10 Years Warranty

[Details](#) [Specs](#)

PAYMENT OPTIONS

Card/Bank Transfer



NEXT STEP

Review Proposal

Looking to spread out the
cost of your project?

Explore Finance Options

by OpenSolar™

Jonathan Washington-
Jones

FoxESS EP6 Plus

5.76kWh of Battery Storage

Fox ESS

1 x EP6 Plus

10 Year Warranty

[Details](#) [Specs](#)**Scaffolding**

1 x 1side upto 8m

Universal Clamp 30-46mm with Grounding Black AnodisedUniversal Clamp 30-46mm with Grounding Black Anodised
24 x CLMC-U/30/46-G/BA**Clenergy Pro Rail Cap Black**Clenergy Pro Rail Cap Black
8 x ER-CAP-PROB**For Clenergy's PV Mounting System, Tile Interface for light to medium**Material: Roof Hook-SUS304, Bolts/Washer/Nuts/Spring-SUS304, ezClip-AL6005-T5
32 x ER-I-PRO/01**Solar Pro Mounting Rail**CLEENERGY SOLARPRO MOUNTING RAIL 3.6M BLACK
8 x ER-R-PRO3600 Black**For Clenergy's PV Mounting System, Splice for Standard Rail**Material: Main Parts-AL6005-T5, Screws- SUS304 Color: Silver Anodized
4 x ER-SP-ST**Renusol CS+**

CS + solar panel mounting system for flat roofs



SYSTEM OPTIONS

PAYMENT OPTIONS

Card/Bank Transfer



NEXT STEP

Looking to spread out the
cost of your project?by  OpenSolar™Jonathan Washington-
Jones

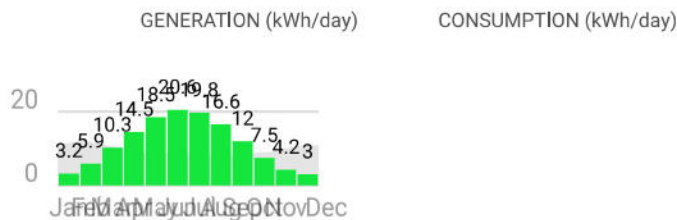
[Details](#) [Specs](#)


Warranties: 30 Year Panel Product Warranty, 30 Year Panel Performance Warranty

System Performance

119%

Energy From Solar

[Daily Energy Profile](#)


61 %
Self Consumption

39 %
Export to grid

System Performance Assumptions: System Total losses: 0%, Inverter losses: 0%, Optimizer losses: 0%, Shading losses: 1.2%, Performance Adjustment: 0%, Output Calculator: MCS. Panel Orientations: 10 panels with Azimuth 92 and Slope 31.

The performance of solar PV systems is impossible to predict with certainty due to the variability in the amount of solar radiation (sunlight) from location to location and from year to year. This estimate is based upon the standard MCS procedure is given as guidance only. It should not be considered as a guarantee of performance.

The solar PV self-consumption has been calculated in accordance with the

SYSTEM OPTIONS

PAYMENT OPTIONS

Card/Bank Transfer



NEXT STEP

Looking to spread out the cost of your project?

by  OpenSolar™

Jonathan Washington-Jones



most relevant methodology for your system. There are a number of external factors that can have a significant effect on the amount of energy that will be self-consumed.

Shading will be present on your system that will reduce its output to the factor stated. This factor was NOT calculated using the MCS shading methodology, but we can confirm that the system as quoted, taking into account the shading present, will deliver at least 90% of the energy (in kWh) as set out in this performance estimate.

This system performance calculation has been undertaken using estimated values for array orientation, inclination, or shading. Actual performance may be significantly lower or higher if the characteristics of the installed system vary from the estimated values.

Important Note: The energy performance and benefits of EESS is impossible to predict with certainty due to the numerous functions a system can be programmed to perform. This estimate is based upon the standard MCS procedure and is given as guidance only. It should not be considered as a guarantee of performance.

[EESS capacity not used for self consumption] Storage capacity of the battery - assumed usable capacity of battery [Total energy discharged per annum]
Assumed usable capacity of battery x 730 [Additional self consumption]
Estimated annual output (Section B) x self consumption rate with battery as a % (no higher than 95%) - Expected solar PV self-consumption (with EESS) (Section D)

A. Installation data		
Installed capacity of PV system - kWp (stc)	4.700	kWp
Orientation of the PV system - degrees from South	Group 1: 10 panels with Orientation: 90°	°
Inclination of system - degrees from horizontal	Group 1: 10 panels with Tilt: 31°	°
Postcode region	2	
B. Performance calculations		
kWh/kWp (Kk) from table	Group 1: 894	kWh/kWp
Shade Factor (SF)	0.988	
Estimated annual output (kWp x Kk x SF)	4,151	kWh

SYSTEM OPTIONS

PAYMENT OPTIONS

Card/Bank Transfer

▼

NEXT STEP

Looking to spread out the cost of your project?

by  OpenSolar™

 Jonathan Washington-Jones

C. Estimated PV self-consumption - PV Only		
Assumed occupancy archetype	In Half Day	
Assumed annual electricity consumption, kWh	3,500	kWh
Assumed annual electricity generation from solar PV system, kWh	4,151	kWh
Expected solar PV self-consumption (PV Only)	955	kWh
Grid electricity independence / Self-sufficiency (PV Only)	27.3	%
D. Estimated PV self-consumption - with EESS		
Assumed usable capacity of electricity energy storage device, which is used for self-consumption, kWh	5.18	kWh
Expected solar PV self-consumption (with EESS)	2,532	kWh
Grid electricity independence / Self-sufficiency (with EESS)	72.0	%
E. Additional benefits from PV and EESS		
EESS capacity not used for self-consumption	0.58	kWh
Total energy discharged per annum	3,784	kWh

SYSTEM OPTIONS

PAYMENT OPTIONS

Card/Bank Transfer

▼

NEXT STEP

Looking to spread out the cost of your project?

by  OpenSolar™

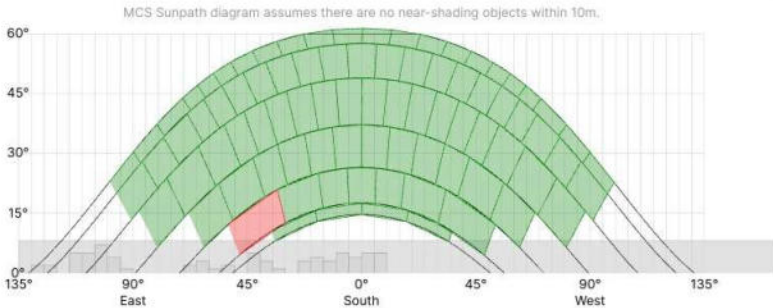


Jonathan Washington-Jones

Additional self-consumption for EV, heat pumps, diverters (only when present)	0.00	kWh
---	------	-----

Sunpath Diagram

Disclaimer: The shade mask mapped onto the sunpath diagram is based off the field of view from a point in the center of the array. This means that the shade mask shown will only capture the shading experienced at the array center point, and will not reflect the shading casted onto other locations on the array.



Environmental Benefits

Solar has no emissions. It just silently generates pure, clean energy.



Each Year		
119%		1 tons
Of CO ₂ , SO _x & NO _x per year		of CO ₂ reduced per year (all energy)

Over System Lifetime		
31,424 km	202	22
Car distance avoided (lifetime, all energy)	Trees planted (all energy)	Long haul flights avoided (all energy)

SYSTEM OPTIONS

PAYMENT OPTIONS

Card/Bank Transfer

▼

NEXT STEP

Looking to spread out the cost of your project?

by  OpenSolar™

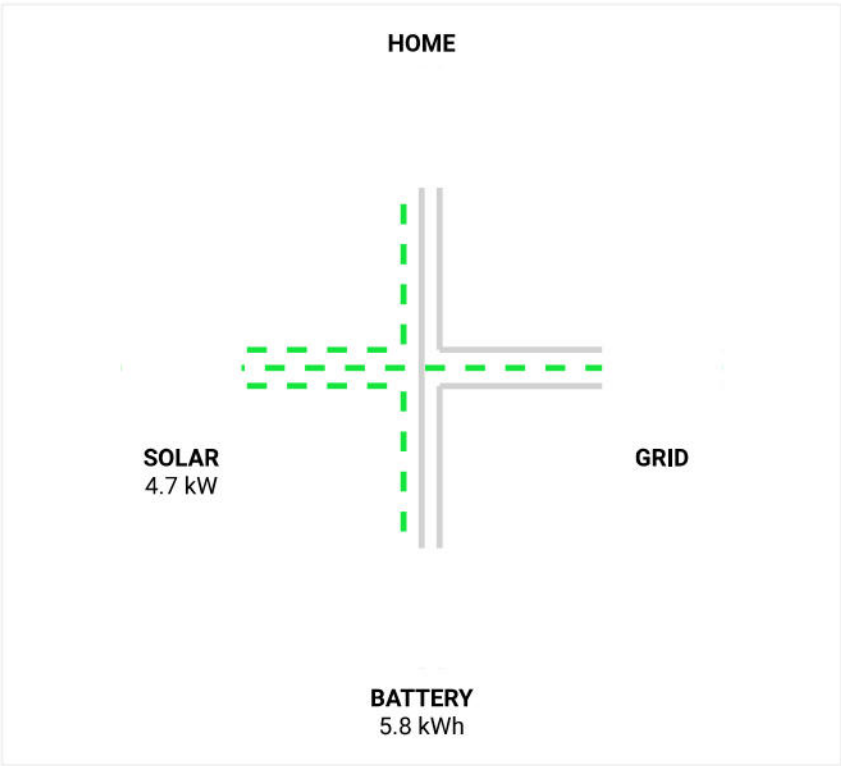


Jonathan Washington-Jones



How your system works

Generating Excess Solar Partially Offset Usage Night



Electricity Bill Savings

First Year Monthly Bill Savings



Cumulative Bill Savings

SYSTEM OPTIONS

PAYMENT OPTIONS

Card/Bank Transfer

NEXT STEP

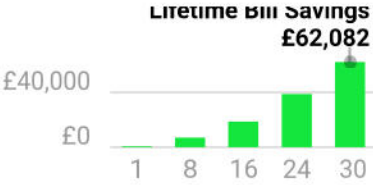
Looking to spread out the cost of your project?

by  OpenSolar™



Jonathan Washington-Jones





Savings

[Detailed Savings Table](#)

Your projected energy cost is calculated by considering a 7% increase in energy cost each year, due to trends in the raising cost of energy. This estimate is based on your selected preferences, current energy costs and the position and orientation of your roof to calculate the efficiency of the system. Projections are based on estimated usage of 3500 kWh per year, assuming Custom Tariff Electricity Tariff.

Your electricity tariff rates may change as a result of installing the system. You should contact your electricity retailer for further information.

Proposed Tariff Details - Custom Tariff	
Energy Charges	
rate 0 <i>All Day\Mon-Sun</i>	£0.27 / kWh
Smart Export Guarantee	
rate 0 <i>All Day\Mon-Sun</i>	£0.00 / kWh
Fixed Charges	
Fixed Charge	£0.50 / day

Net Financial Impact

[Simple Financials](#) Detailed Financials



SYSTEM OPTIONS

PAYMENT OPTIONS

Card/Bank Transfer

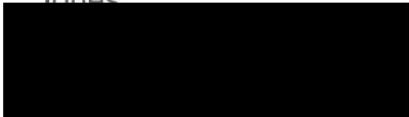
NEXT STEP

Looking to spread out the cost of your project?

by  OpenSolar™

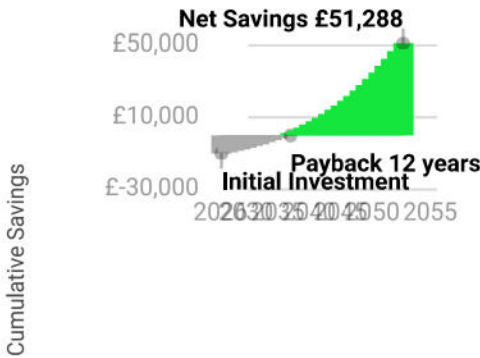


Jonathan Washington-Jones



Cumulative

Annual



[Detailed Annual Financial Table](#)

Quotation: Card/Bank Transfer

10 x Hengdian Group DMEGC Magnetics 470 Watt Panels (DM470G12RT-B48HBB/HBW) 1 x H1-5.0-E-G2 (Fox ESS) 1 x EP6 Plus (Fox ESS) 1 x 1side upto 8m, 4 x ER-SP-ST, 8 x ER-R-PRO3600 Black, 32 x ER-I-PRO/01, 8 x ER-CAP-PROB, 24 x CLMC-U/30/46-G/BA, 10 x R520075-K	
Total System Price	
Purchase Price	
Price Per Watt	

Payment Milestones

Deposit	
---------	--

SYSTEM OPTIONS

PAYMENT OPTIONS

Card/Bank Transfer

NEXT STEP

Looking to spread out the cost of your project?

by  OpenSolar™



Jonathan Washington-Jones
Solar Expert

Stage 2 To be paid at the start of the first day of the install.	
Stage 3 To be paid once the system is on and job is completed.	
Final payment To be paid once handover pack is received from us.	
Total	

SYSTEM OPTIONS

PAYMENT OPTIONS

Card/Bank Transfer



NEXT STEP

Looking to spread out the
cost of your project?

by  OpenSolar™

Jonathan Washington-
Jones



GOLD PACKAGE

Everything you need for your solar installation.



Lifetime remote monitoring where we keep an eye on your system, ensure it stays online, complete firmware updates, optimise performance, and manage any battery control set-ups.



Unlimited call-outs and repairs at no extra cost during warranty periods.

- ☒ Bidirectional RCD protection & surge protection device
- ☒ All parts and labour
- ☒ Access to roof if required
- ☒ App set-up & commissioning
- ☒ Waste removal
- ☒ Black metal bird mesh
- ☒ Black rails or brackets
- ☒ DNO G99 applications
- ☒ MCS certification
- ☒ NICEIC Part P certification
- ☒ Warranty registration
- ☒ Property protection
- ☒ Insurance-backed guarantees with IWA
- ☒ 10-year workmanship warranty
- ☒ Customer rewards programme
- ☒ Warranty claim support



"Everything included, nothing hidden — that's our promise."





Customer testimonials of our services

All Solar Works



Watch on



Customer
reviews.

About All Solar
Works Ltd

Download
Proposal

Estimates do not include replacement costs of equipment not covered by a warranty. Components may need replacement after their warranty period.
Financial discount rate assumed: 6.75%

Price excludes Retailer Smart Meter should you want us to install your Smart Meter it will be an additional cost.
This proposal is valid until 1st October 2026.

Terms and conditions can be found on the link below.

https://allsolarworks.com/wp-content/uploads/2026/04/All_Solar_Works_Ltd_Terms_and_Conditions_B2C_updated.pdf

This proposal has been prepared by All Solar Works Ltd using tools from OpenSolar. Please visit www.opensolar.com/proposal-disclaimer for additional disclosures from OpenSolar.

SYSTEM OPTIONS

PAYMENT OPTIONS

Card/Bank Transfer



NEXT STEP

Looking to spread out the
cost of your project?

by  OpenSolar™



Jonathan Washington-
Jones

