



RIBBLE VALLEY
BOROUGH COUNCIL

10 NOV 2011

For office use only

Application No:

320110937P

Date received

Fee paid £

Receipt No:

Council Offices, Church Walk, Clitheroe, Lancashire. BB7 2RA Tel: 01200 425111 www.ribblevalley.gov.uk

Householder Application for Planning Permission for works or extension to a dwelling. Town and Country Planning Act 1990

You can complete and submit this form electronically via the Planning Portal by visiting www.planningportal.gov.uk/apply

Publication of applications on planning authority websites

Please note that the information provided on this application form and in supporting documents may be published on the Authority's website. If you require any further clarification, please contact the Authority's planning department.

Please complete using block capitals and black ink.

It is important that you read the accompanying guidance notes as incorrect completion will delay the processing of your application.

1. Applicant Name and Address

Title: First name:
Last name:
Company (optional):
Unit: House number: House suffix:
House name:
Address 1:
Address 2:
Address 3:
Town:
County:
Country:
Postcode:

2. Agent Name and Address

Title: First name:
Last name:
Company (optional):
Unit: House number: House suffix:
House name:
Address 1:
Address 2:
Address 3:
Town:
County:
Country:
Postcode:

3. Description of Proposed Works

Please describe the proposed works:

INSTALLATION OF A 4KW BLACK EDGED SOLAR PV SYSTEM TO THE
REAR, SOUTH FACING, ROOF OF THE PROPERTY KEZMIN HOUSE

3. Description of Proposed Works (continued)

Has the work already started? ☐ Yes ☒ No

If Yes, please state when the work was started (DD/MM/YYYY): (date must be pre-application submission)

Has the work already been completed? ☐ Yes ☒ No

If Yes, please state when the work was completed (DD/MM/YYYY): (date must be pre-application submission)

4. Site Address Details

Please provide the full postal address of the application site.

Unit: House number: House suffix:

House name: KEZMIN HOUSE

Address 1: HOTHERSALL LANE

Address 2: HOTHERSALL

Address 3: LONGRIDGE

Town: PRESTON

County: LANCASHIRE

Postcode (optional): PR3 2XB

5. Pedestrian and Vehicle Access, Roads and Rights of Way

Is a new or altered vehicle access proposed to or from the public highway? ☐ Yes ☒ No

Is a new or altered pedestrian access proposed to or from the public highway? ☐ Yes ☒ No

Do the proposals require any diversions, extinguishments and/or creation of public rights of way? ☐ Yes ☒ No

If Yes to any questions, please show details on your plans or drawings and state the reference number(s) of the plan(s)/drawing(s):

6. Pre-application Advice

Has assistance or prior advice been sought from the local authority about this application? ☒ Yes ☐ No

If Yes, please complete the following information about the advice you were given. (This will help the authority to deal with this application more efficiently)

Please tick if the full contact details are not known, and then complete as much possible: ☐

Officer name: CLAIRE BOOTH

Reference: NONE

Date (DD MM YYYY): 13. 8. 11
(must be pre-application submission)

Details of the pre-application advice received:

INVESTIGATED NEED FOR PLANNING APPROVAL
RESULTED IN BEING ADVISED SITE NEEDS PLANNING PERMISSION (11.10.11)

7. Trees and Hedges

Are there any trees or hedges on your own property or on adjoining properties which are within falling distance of your proposed development? ☐ Yes ☒ No

If Yes, please mark their position on a scaled plan and state the reference number of any plans or drawings:

Will any trees or hedges need to be removed or pruned in order to carry out your proposal? ☐ Yes ☒ No

If Yes, please show on your plans which trees by giving them numbers e.g. T1, T2 etc, state the reference number of the plan(s)/drawing(s) and indicate the scale.

8. Parking

Will the proposed works affect existing car parking arrangements? ☐ Yes ☒ No

If Yes, please describe:

9. Authority Employee / Member

With respect to the Authority, I am:

(a) a member of staff

(b) an elected member

(c) related to a member of staff

(d) related to an elected member

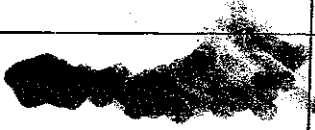
Do any of these statements apply to you?

☐ Yes ☒ No

If Yes, please provide details of the name, relationship and role

10. Materials

If applicable, please state what materials are to be used externally. Include type, colour and name for each material:

	Existing (where applicable)	Proposed	Not applicable	Don't Know
Walls			☒	☐
Roof		THE ROOF WILL BE USED TO SUPPORT SOLAR PV PANELS	☒	☐
Windows			☒	☐
Doors			☒	☐
Boundary treatments (e.g. fences, walls)			☒	☐
Vehicle access and hard-standing			☒	☐
Lighting			☒	☐
Others (please specify)		PANELS (PV) .99M x 1.64M. WILL BE BLACK EDGED.	☐	☒

Are you supplying additional information on submitted plan(s)/drawing(s)/design and access statement?

☐ Yes

☒ No

If Yes, please state references for the plan(s)/drawing(s)/design and access statement:

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11. Ownership Certificates

One Certificate A, B, C, or D, must be completed, together with the Agricultural Holdings Certificate with this application form
CERTIFICATE OF OWNERSHIP - CERTIFICATE A

Town and Country Planning (Development Management Procedure) (England) Order 2010 Certificate under Article 12

I certify/ The applicant certifies that on the day 21 days before the date of this application nobody except myself/ the applicant was the owner (*owner is a person with a freehold interest or leasehold interest with at least 7 years left to run*) of any part of the land or building to which the application relates

Signed - Applicant:

Or signed - Agent:

Date (DD/MM/YYYY):

8.11.11

CERTIFICATE OF OWNERSHIP - CERTIFICATE B

Town and Country Planning (Development Management Procedure) (England) Order 2010 Certificate under Article 12

I certify/ The applicant certifies that I have/ the applicant has given the requisite notice to everyone else (as listed below) who, on the day 21 days before the date of this application, was the owner (*owner is a person with a freehold interest or leasehold interest with at least 7 years left to run*) of any part of the land or building to which this application relates.

Name of Owner	Address	Date Notice Served

Signed - Applicant:

Or signed - Agent:

Date (DD/MM/YYYY):

CERTIFICATE OF OWNERSHIP - CERTIFICATE C

Town and Country Planning (Development Management Procedure) (England) Order 2010 Certificate under Article 12

I certify/ The applicant certifies that:

- Neither Certificate A or B can be issued for this application
- All reasonable steps have been taken to find out the names and addresses of the other owners (*owner is a person with a freehold interest or leasehold interest with at least 7 years left to run*) of the land or building, or of a part of it, but I have/ the applicant has been unable to do so.

The steps taken were:

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Name of Owner	Address	Date Notice Served

Notice of the application has been published in the following newspaper (circulating in the area where the land is situated):

On the following date (which must not be earlier than 21 days before the date of the application):

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Signed - Applicant:

Or signed - Agent:

Date (DD/MM/YYYY):

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11. Ownership Certificates (continued)**CERTIFICATE OF OWNERSHIP - CERTIFICATE D****Town and Country Planning (Development Management Procedure) (England) Order 2010 Certificate under Article 12**

I certify/ The applicant certifies that:

- Certificate A cannot be issued for this application
- All reasonable steps have been taken to find out the names and addresses of everyone who on the day before the date of this application, was the owner (owner is a person with a freehold interest or leasehold interest with at least 2 years left to run) of any part of the land to which this application relates, but I have/ the applicant has been unable to do so

The steps taken were:

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Notice of the application has been published in the following newspaper (circulating in the area where the land is situated):

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On the following date (which must not be earlier than the date of the application):

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Signed - Applicant:

--

Or signed - Agent:

--

Date (DD/MM/YYYY):

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12. Agricultural Land Declaration**AGRICULTURAL LAND DECLARATION****Town and Country Planning (Development Management Procedure) (England) Order 2010 Certificate under Article 12****Agricultural Land Declaration - You Must Complete Either A or B**

(A) None of the land to which the application relates is, or is part of, an agricultural holding

Signed - Applicant:

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Or signed - Agent:

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Date (DD/MM/YYYY):

8. 11. 11

(B) I have/ The applicant has given the requisite notice to every person other than myself/ the applicant who, on the day 21 days before the date of this application, was a tenant of an agricultural holding on all or part of the land to which this application relates, as listed below:

Name of Tenant	Address	Date Notice Served

Signed - Applicant:

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Or signed - Agent:

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Date (DD/MM/YYYY):

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13. Planning Application Requirements - Checklist

Please read the following checklist to make sure you have sent all the information in support of your proposal. Failure to submit all information required will result in your application being deemed invalid. It will not be considered valid until all information required by the Local Planning Authority has been submitted.

The original and 3 copies of a completed and dated application form: ☐The original and 3 copies of a design and access statement if proposed works fall within a conservation area or World Heritage Site, or relate to a Listed Building: ☐The correct fee: ☐The original and 3 copies of a plan which identifies the land to which the application relates drawn to an identified scale and showing the direction of North: ☐The original and 3 copies of the completed, dated Ownership Certificate (A, B, C or D - as applicable): ☐The original and 3 copies of other plans and drawings or information necessary to describe the subject of the application: ☐The original and 3 copies of the completed, dated Article 12 Certificate (Agricultural Holdings): ☐

14. Declaration

I/we hereby apply for planning permission/consent as described in this form and the accompanying plans/drawings and additional information.

Signed - :

Or signed - Agent:

Date (DD/MM/YYYY):

8. 11. 11

(date cannot be pre-application)

15. Applicant Contact Details

Telephone numbers

Country code: National number: Extension number:

Country code: Mobile number (optional):

Country code: Fax number (optional):

Email address (optional):



16. Agent Contact Details

Telephone numbers

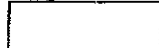
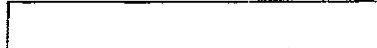
Country code: National number: Extension number:

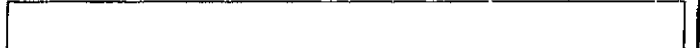
Country code: Mobile number (optional):

Country code: Fax number (optional):

Email address (optional):



17. Site Visit

Can the site be seen from a public road, public footpath, bridleway or other public land? ☒ Yes ☐ No

If the planning authority needs to make an appointment to carry out a site visit, whom should they contact? (Please select only one) ☐ Agent ☒ Applicant ☐ Other (if different from the applicant's details)

If Other has been selected, please provide:

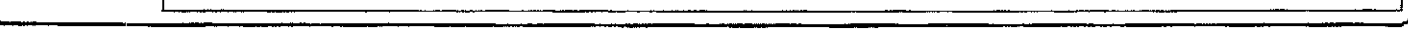
Contact name:



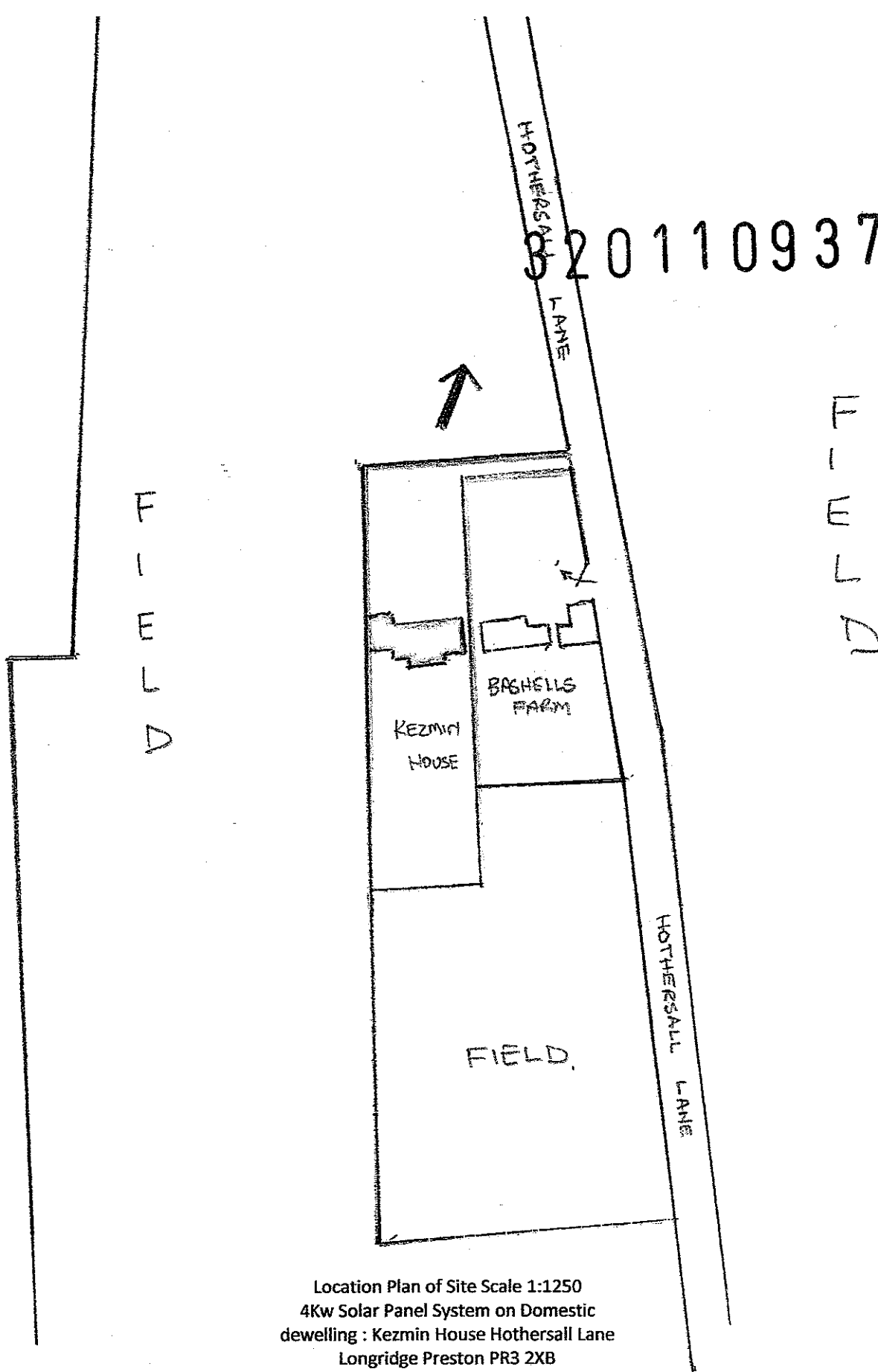
Telephone number:



Email address:



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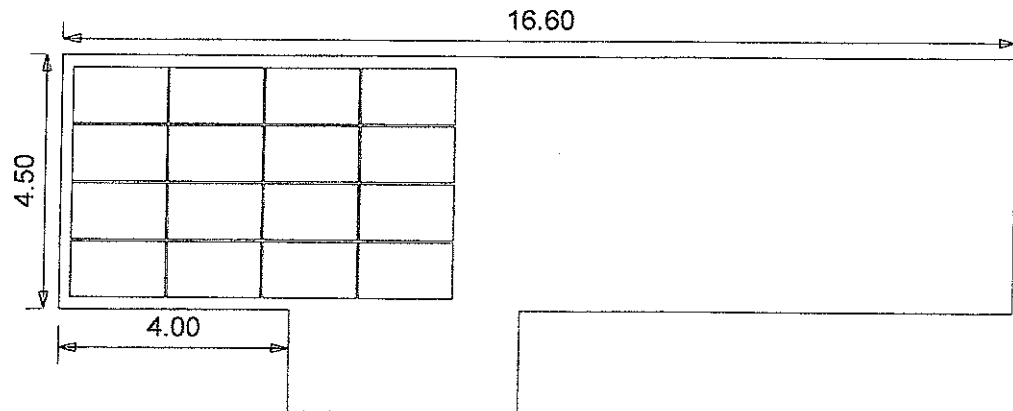
Ariel View of Kezmin House Left hand
property
Right hand property
Bashells Farm

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Proposed Solar Panel System at
Kezmin House, Hothersall Lane, Hothersall, Longridge, Preston PR3 2XB

- Total Extra loading: House 4kw(317kg)
- Space taken up by panels: 4kw 25.98 Mtr² (0.99M x1.64M each)
- Loading: Over panel area 12.22kg per Mtr²
- Panels will be black edged
- Roof composite: Concrete Tile
- Roof Diagram (not to scale)

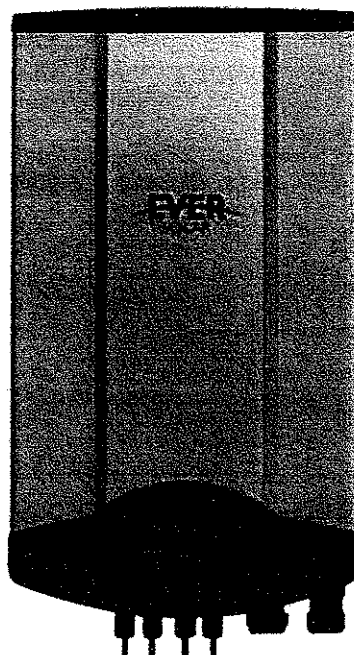
4kw Solar System using 250w Caymax panels



- Sun at its highest: 19th June 16Hrs 56mins at 60.4 degrees
- Sun at its lowest 21st Dec 7Hrs 33mins at 14 degrees
- Average wind speed at 10mtrs for this location is 6.69mph well within parameters
- Electrical: spare way in unit, or fit 1 way fuse box
- Inverter Location: Loft

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Eversolar TL3200



Technical Data	
Eversolar string solar inverter TL 3200	
DC input data	
Max. PV-generator power [W]	3200
Max. DC Voltage [V]	580
MPPT voltage range [V]	125 - 530
Turn off DC Voltage [V]	125
Max. DC current [A]	20
Nominal DC current [A]	18
Number of DC connection	1
Number of MPP trackers	1
DC-connection	MC IV-connector
Turn on power [W]	10
Output data	

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AC Connector	Spring-clamp tech
Power connection	Single phase
Rated AC power [W]	2800
Max. AC Power [W]	3080
Grid voltage range	187-264 V
Grid frequency range	47.5-50.2 Hz
Rated current [A]	12.2
Max. current [A]	15.4
Power factor	0.99
Harmonic distortion (THD) at rated output	<2%
Power consumption at night [W]	<0.2
Power consumption at standby [W]	6
Efficiency	
Max. efficiency	97.30%
Euro efficiency (at 360VDC)	96.50%
MPPT adaptation efficiency	99.50%
Safety equipment	
Internal overvoltage protection	Integrated
DC Insulation monitoring	Integrated
Earth fault protection	Integrated
Mains monitoring	According to VDE 0126-1-1, GB
Earth fault current monitoring	According to VDE 0126-1-1, GB
DC current monitoring	According to VDE 0126-1-1, GB
Islanding effect monitoring	AFI(According to VDE 0126-1-1)
DC disconnect switch	Optional DC disconnecter with or without load integrated in the device, according to VDE 0100-712
Normative reference	
CE- compliant according to	EN 50178, EN 61000-6-1, EN 61000-6-3, EN 61000-6-2, EN 61000-6-4
	EN61000-3-2, EN61000-3-3

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General data	
Dimensions (WxHxD) [mm]	350 x 550 x 170
Weight [kg]	25
Housing	Aluminium housing for inside and outside installation
Mounting information	Wall bracket
Operating temperature range	-20°C to +60°C (up 40°C derating)
Relative humidity	0% to 98%, no condensation
Site altitude	Up to 2000m without derating above sea level
IP protection type	IP 65 according to IEC 60529
Isolation type	Transformerless
Cooling concept	Convection
Noise level	< 40 dBA
LED display	3
LCD display	Backlight, 16 x 2 Character LCD
Data logger	RS485, RS232
Data communication interfaces	RS232
Computer Communication	
Standard warranty (option)	2 years

Caymax™ Modules

Solargen Energy LTD
SPECIALISTS IN RENEWABLE ENERGY

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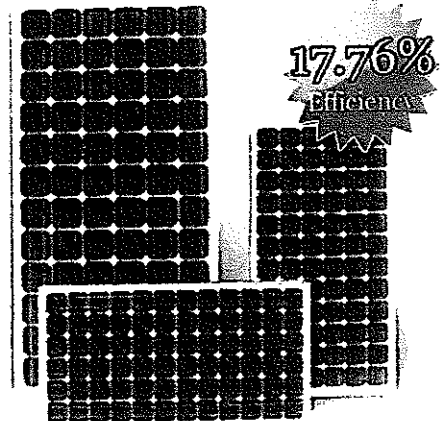
Revolutionary Product

—Selective Emitter™ Solar Module

Same module size,
Same exposure time,
10% more power output!



Made of CSUN SE high efficiency solar cells*, Caymax™ SE modules can deliver you 10% higher efficiency**. Especially, you could benefit MORE from the excellent performance under the low light condition and low hot spot effect, and get LESS degradation under light exposure.



MORE - LESS = ? You know how to choose!

☐ Features

- High conversion efficiency;
- Low power tolerance of $\pm 3\%$;
- Excellent performance under low lighting conditions;
- Low hot spot effect, due to low reverse current density;
- Low degradation under light exposure;
- Low cell performance mismatch during encapsulation, our SE module demonstrates high power output, which is very close to the power generated by the whole cells before encapsulation;
- Passing mechanical load test of 5400Pa according to IEC 61215;
- Tested to withstand hails with maximum diameter of 25mm and impact speed of 23m·s⁻¹.

☐ Quality and Certificates

- 5 year hardware warranty;
- 25 year power output warranty***;



Certification



International
Organization for
Standardization



* Average efficiency of 17.5%, up to 18%.

**compared to modules with the same size, made of normal P-type solar cells, average efficiency of which is 16%.

***10 years at 90% of the minimal rated power output, 25 years at 80% of the minimal rated power output

Please Call:

Solargen Energy Limited Freephone: 0800-1123571

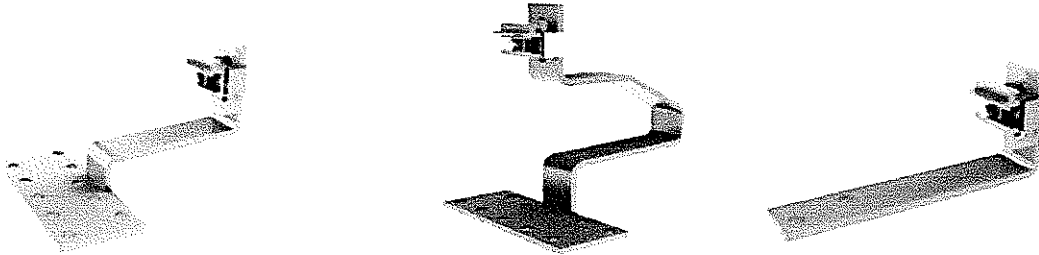
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Solargen Energy^{LTD}
SPECIALISTS IN RENEWABLE ENERGY

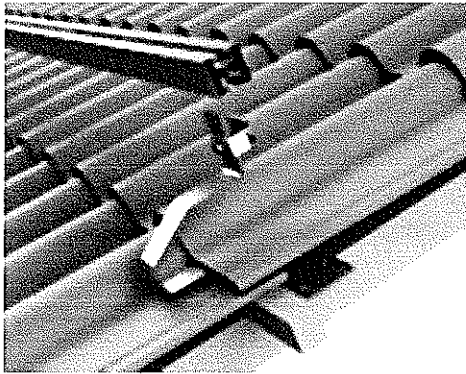
Caymax On Roof Mounting System

On roof mounting systems rely on simple roof hooks in order to attach the rails to the sub-structure of the roof. There are 3 main types of roof hooks which are used for U.K. roof coverings:

Concrete Tile / ~~Pan~~tile / ~~Slate~~ roof anchor

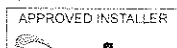


Installation Demo:

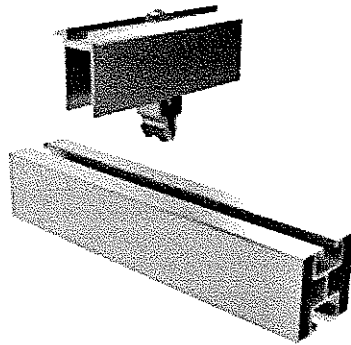


PV roof mounting anchor specification:

All the hooks are supplied with pre-fixed attachments. These are a patented part of the roof mounting system. These are spring-loaded units which clip into one or the grooves on the rails and are simply tightened. This is a very quick and simple process with very easy access to the tightening screw.



DEAL

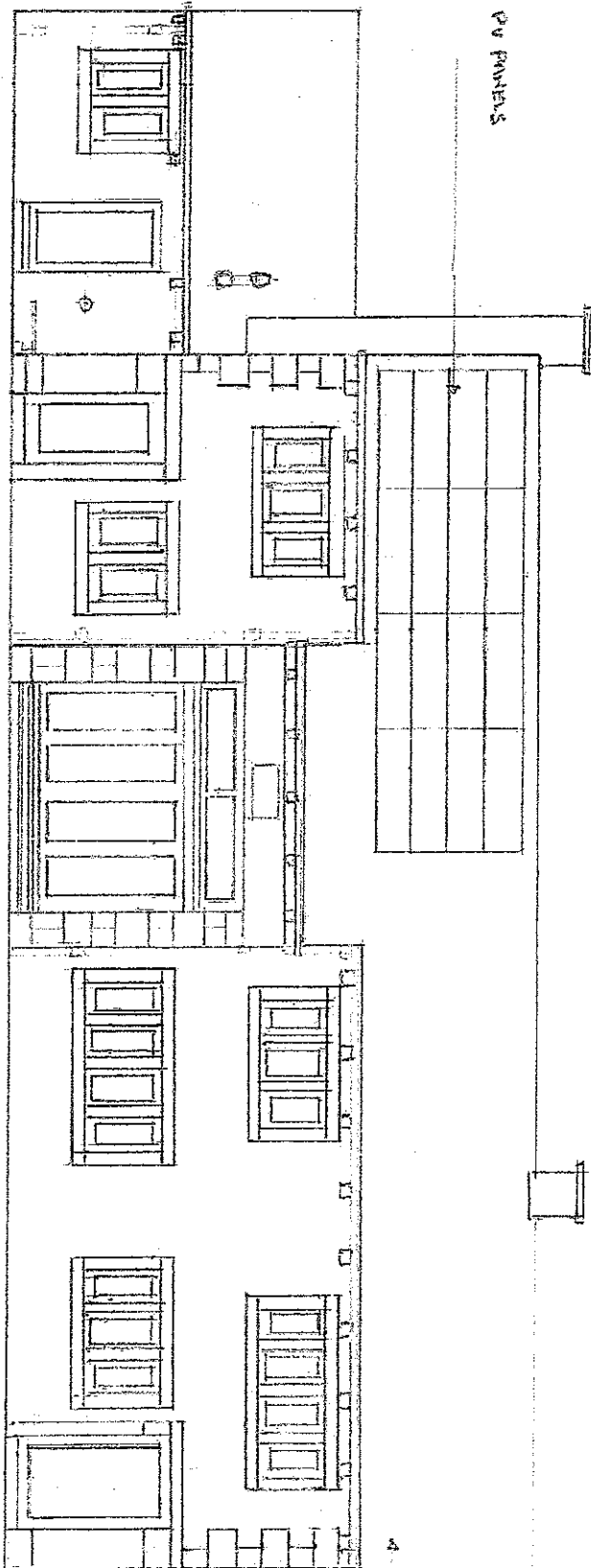


The End and Mid clamps are substantial fully preassembled parts which simply clip into the channel in the rail and the motion of tightening the screw from the top also fully locks the clamp in place. These substantial mid and End clamps are designed for use for both Portrait and Landscape installations with the rail installed Horizontally.

On Roof Security

The PV on roof mounting system is uniquely designed to protect your investment. Just as a locking wheelnut on a car – the locking bolts for the system have a specially adapted fitting to add security to the panels wherever they may be installed.

BLACK EDGED PV PANELS
900 X 1640

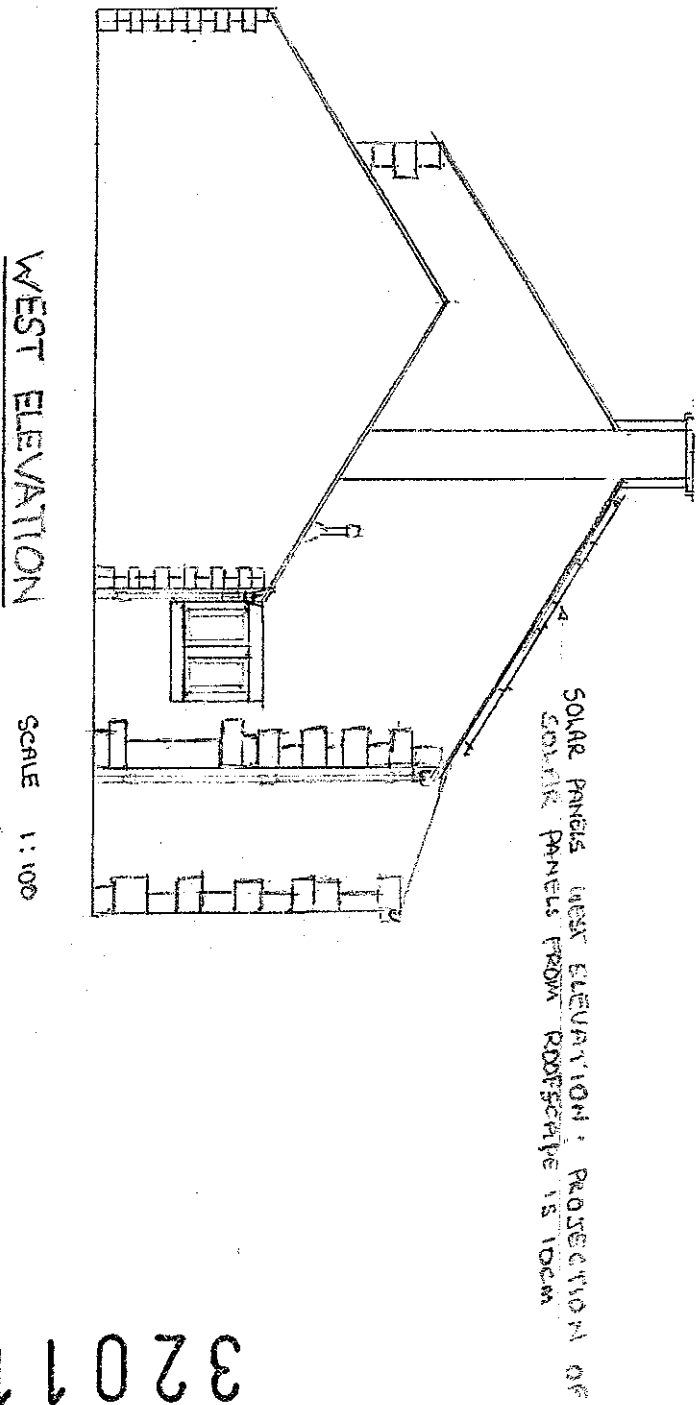


SOUTH ELEVATION

PROPOSED 1.6KW SOLAR PANEL ARRAY AT KEZMANI HOUSE SCALE 1:100

EXISTING
CONCRETE TILES

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