



SOLAR • EV • ELECTRICAL

Proposal for Jenny Hughes

Prepared by: Shaun Cooper
01202 028985
info@slcsolutions.uk

For: Jenny
The Shepards, Upper Chute

Quote #: 9317336
Valid until: 12th April 2026



Solar Energy System Proposal

Dear Jenny,

I am pleased to submit our proposal to supply and fit a renewable energy technology to your property.

This proposal includes details on the equipment we propose to install, an estimate of the performance you can expect from the system, details on the financial incentives you will be able to access and other information that will enable you to make an informed decision on whether to proceed.

As part of this proposal, you will find:

- The full Performance Estimate
- A diagram showing the location of key components or a design of the system
- A Contract, detailing our terms of business
- A leaflet describing our Consumer Code requirements
- A full quotation that includes our insurance information and any planning considerations
- A Cancellation Form – in case you change your mind

Please note: as part of our ongoing commitment to quality, we are assessed annually by our MCS Certification Body. Completed installations are chosen to be assessed during these audits. By agreeing to proceed, you must allow access to your installation if, in future, your project is chosen to be audited. We will liaise with you with regard to arranging access for our Certification Body, should this occur.

If you decide you wish to proceed with the installation you will need to return to us, signed and dated:

SLC Solutions
• The Contract;
41 Talbot Road

Bournemouth None BH92JB

Phone: 07872606987

Email: info@slcsolutions.uk

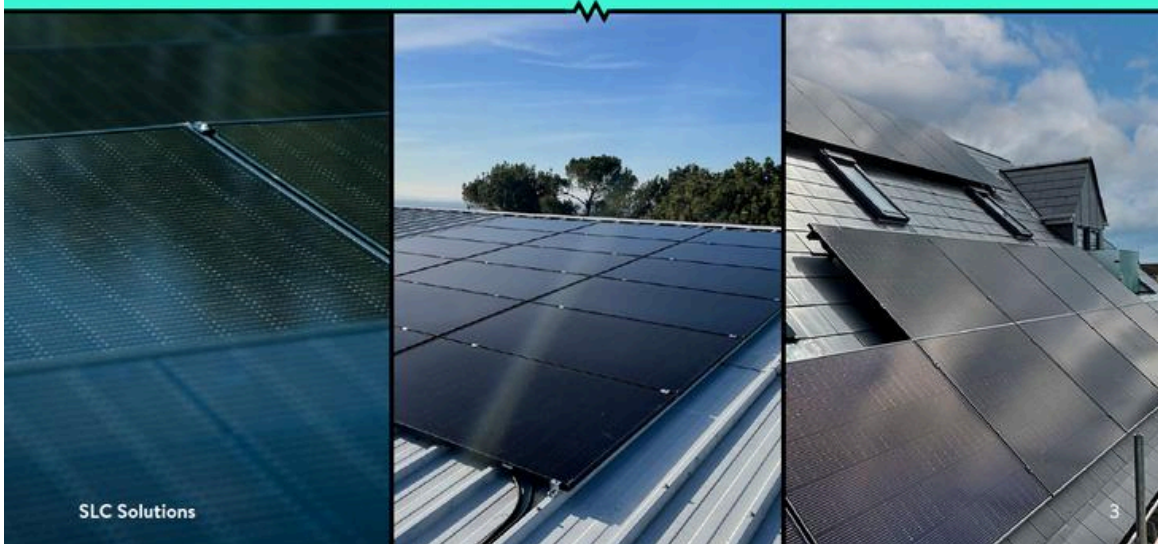
Web: www.slcsolutions.uk

About us

SLC Solutions are a Bournemouth based, trusted team of fully qualified and trained electricians. Led by Director Shaun Cooper with 20 years experience in the electrical industry, we offer a wide range of electrical services in all areas of the domestic, commercial and industrial sectors.

Industry Leaders in Solar Energy Solutions

We are dedicated to delivering comprehensive solar power solutions for homes and businesses. As certified local installers, we offer tailored solar systems that maximise energy efficiency and return on investment. Our expert team's commitment to excellence is backed by industry-leading accreditations and high-quality components from trusted manufacturers. We maintain rigorous installation standards and comprehensive insurance coverage, ensuring complete peace of mind while helping our clients transition seamlessly to sustainable energy generation and reduced operating costs.



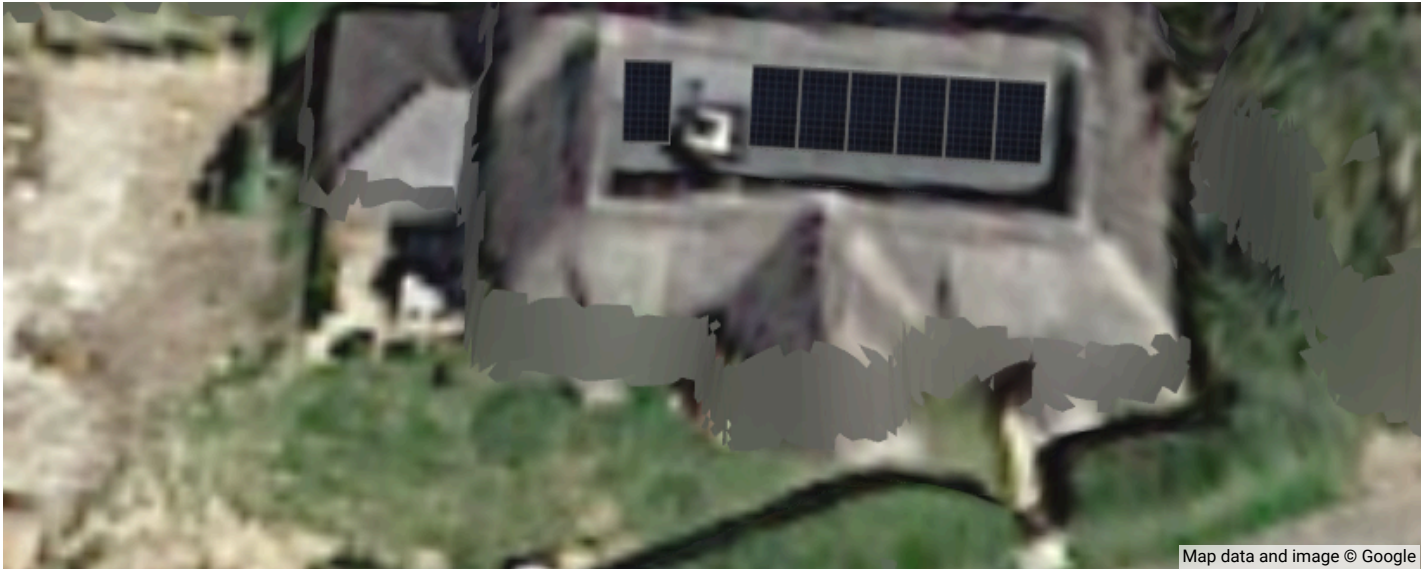


SOLAR • EV • ELECTRICAL



Recommended System Option

Lifetime Electricity Bill Before Solar	Lifetime Electricity Bill After Solar	Lifetime Electricity Bill Savings	Estimated First Year Savings
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Map data and image © Google

Your Solution

Sigen Battery 6.0 and 10

9.04kWh of Battery Storage

Sigenenergy

1 x SigenStor BAT 10.0

10 Year Warranty



eddi

A Single Phase Eco-Smart Energy Diverter that diverts surplus power from solar PV or wind generation to a designated heating appliance such as an immersion heater.

1 x EDDI-16A1P02H



EV Charger

7 kW Single Phase Untethered White EV Charger

1 x ZAPPI-2H07UW-G

Solar Panels

Aiko Energy

3.605 kW Total Module Power

7 x 515 Watt Panels (AIKO-A515-MAH60Mb)

3,348 kWh per year

Sigen Energy Controller Single Phase

3.68 kW of Inverter Power

Sigenenergy

1 x SigenStor EC 3.6SP

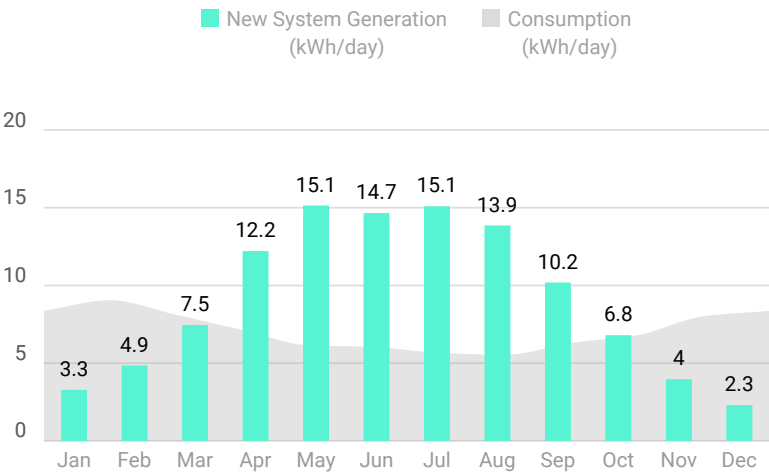
10 Year Warranty



Warranties: 25 Year Panel Product Warranty, 30 Year Panel Performance Warranty, 10 Year Inverter Product Warranty, 10 Year Battery Product Warranty

System Performance

129%
Energy From Solar



30%
Self Consumption

70%
Export to grid

System Performance Assumptions: System Total losses: 12.7%, Inverter losses: 2.9%, Optimizer losses: 0%, Shading losses: 3.5%, Performance Adjustment: 0%, Output Calculator: System Advisor Model SAM 2025.4.16. Panel Orientations: 6 panels with Azimuth 182 and Slope 20, 1 panels with Azimuth 180 and Slope 20.

The MCS output (MIS 3002) and self-consumption (MGD 003) calculation methodology was not used in calculating the numbers in the table below. An alternative calculator System Advisor Model SAM 2025.4.16 was used.

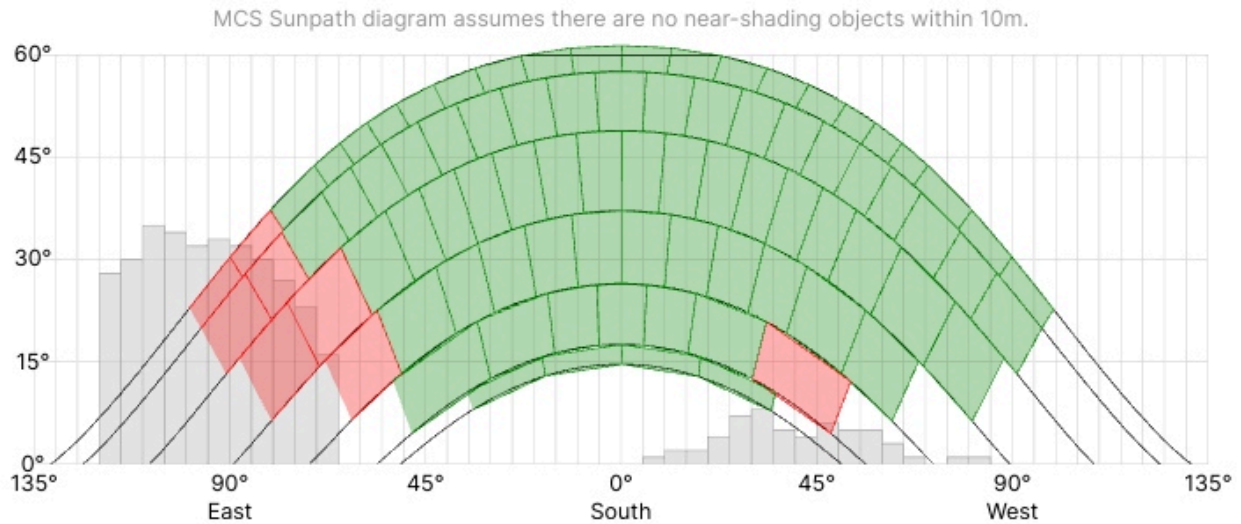
[EESS capacity not used for self consumption] Storage capacity of the battery - assumed usable capacity of battery [Total energy discharged per annum] Assumed usable capacity of battery x 730 [Additional self consumption] Estimated annual output (Section B) x self consumption rate with battery as a %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

A. Installation data		
Installed capacity of PV system - kWp (stc)	3.605	kWp
Orientation of the PV system - degrees from South	Group 1: 6 panels with Orientation: 0 ° Group 2: 1 panels with Orientation: 0 °	°
Inclination of system - degrees from horizontal	Group 1: 6 panels with Tilt: 20° Group 2: 1 panels with Tilt: 20°	°
Postcode region	3	
B. Performance calculations		
kWh/kWp (Kk)	962.9	kWh/kWp
Shade Factor (SF)	0.965	

Estimated annual output (kWp x Kk x SF)	3,348	kWh
C. Estimated PV self-consumption - PV Only		
Assumed occupancy archetype	In Half Day	
Assumed annual electricity consumption, kWh	2,598	kWh
Assumed annual electricity generation from solar PV system, kWh	3,348	kWh
Expected solar PV self-consumption (PV Only)	935	kWh
Grid electricity independence / Self-sufficiency (PV Only)	36.0	%
D. Estimated PV self-consumption - with EESS		
Assumed usable capacity of electricity energy storage device, which is used for self-consumption, kWh	8.76	kWh
Expected solar PV self-consumption (with EESS)	998	kWh
Grid electricity independence / Self-sufficiency (with EESS)	38.2	%
E. Additional benefits from PV and EESS		
EESS capacity not used for self-consumption	0.28	kWh
Total energy discharged per annum	6,395	kWh
Additional self-consumption for EV, heat pumps, diverters (only when present)	5.89	kWh

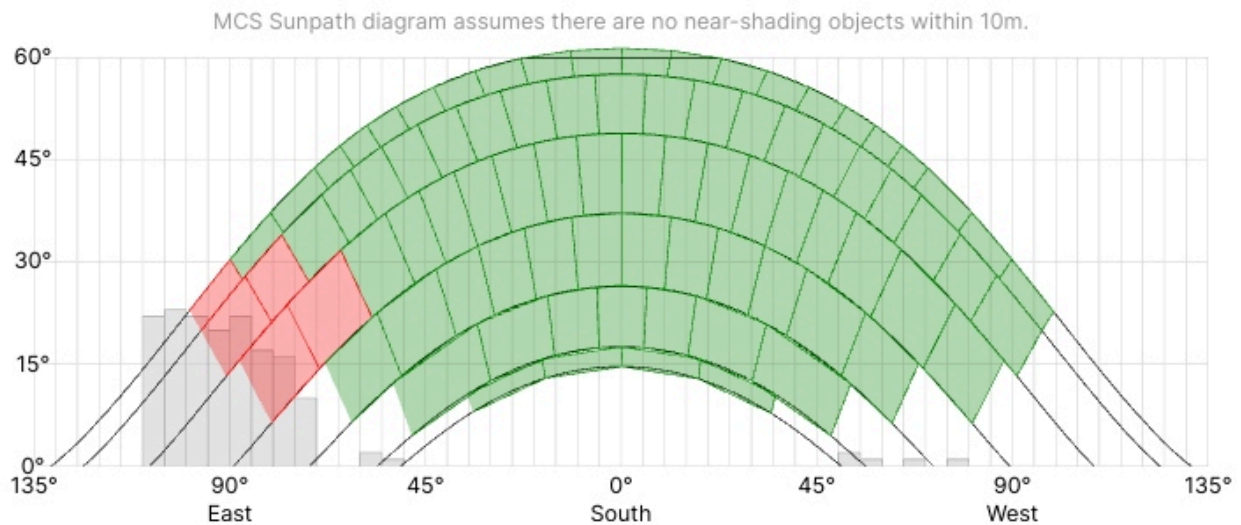
Sunpath Diagram

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.



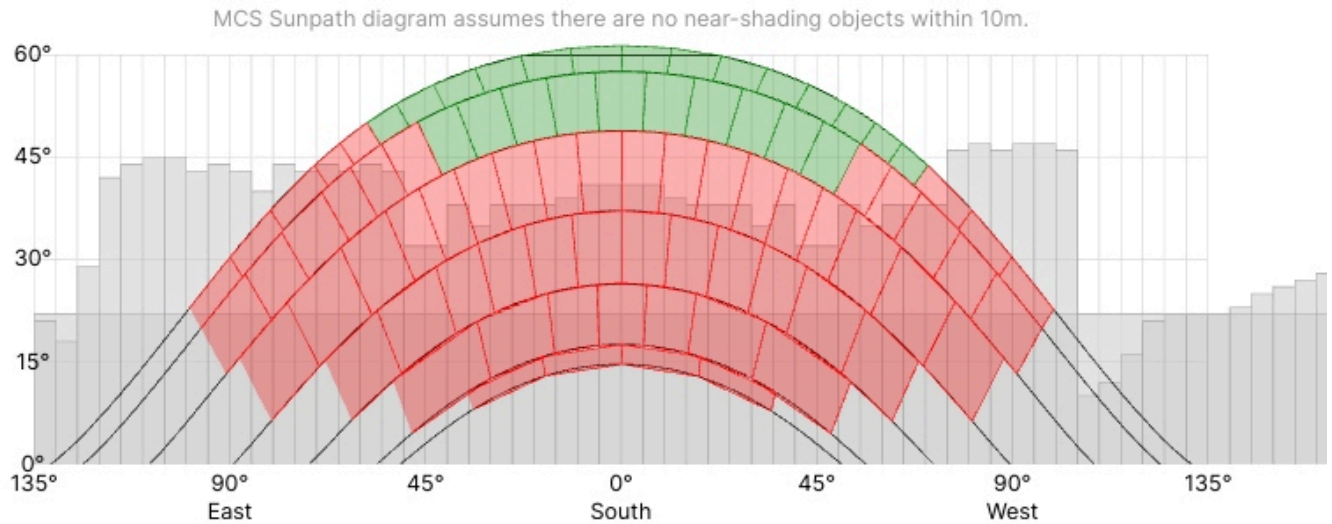
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Sunpath Diagram

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

129%

Consumption Offset

0.8^{tons}

of CO₂ reduced per year

Over System Lifetime

25,465^{km}

Car distance avoided
(lifetime)

164

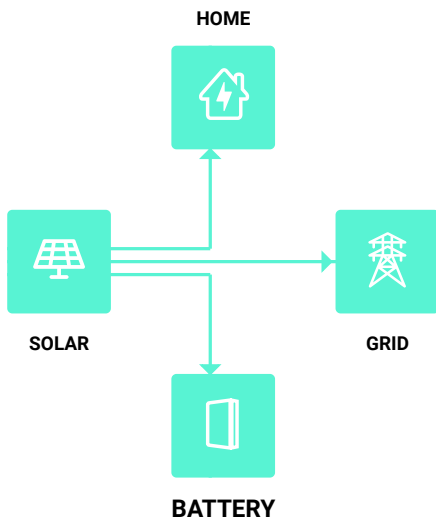
Trees planted

18

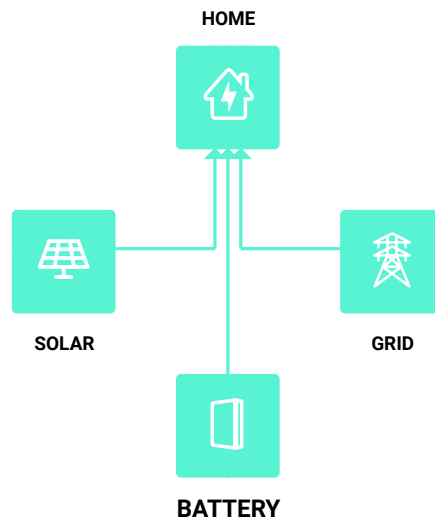
Long haul flights
avoided

How your system works

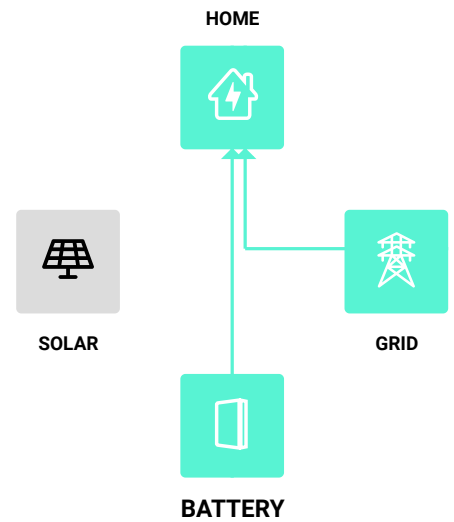
Generating Excess Solar



Partially Offset Usage



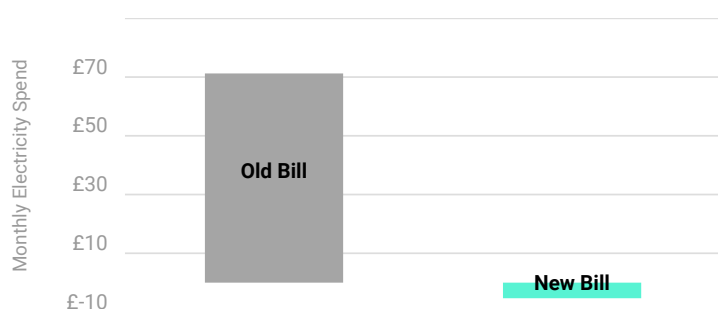
Night



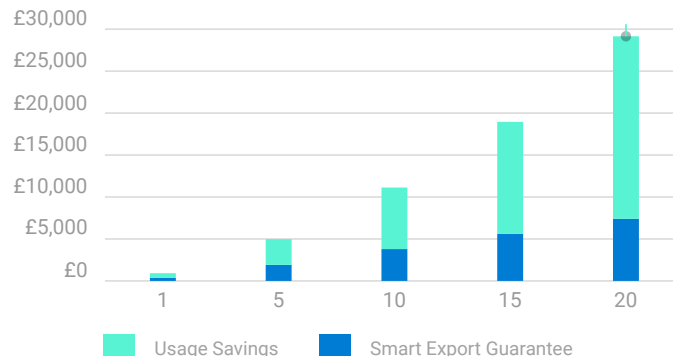


Electricity Bill Savings

First Year Monthly Bill Savings



Cumulative Bill Savings



Month	Solar Generation (kWh)	Net Grid Consumption before new system (kWh)	Electricity Imported after new system (kWh)	Electricity Exported after new system (kWh)	Export Credit (£)	Utility Bill before new system (£)	Utility Bill after new system (£)	Estimated Savings (£)
Jan	102	259	217	39	6	83	26	57
Feb	136	253	193	59	10	80	19	61
Mar	231	252	167	133	22	81	7	74
Apr	366	214	124	267	44	70	-19	89
May	469	191	97	368	61	65	-37	101
Jun	440	181	87	339	56	62	-33	95
Jul	468	176	84	370	61	60	-38	98
Aug	430	172	92	343	57	59	-33	92
Sep	306	189	116	225	37	64	-12	76
Oct	211	211	150	140	23	70	5	65
Nov	119	241	183	48	8	78	21	56
Dec	71	259	225	18	3	83	30	53

Utility savings based on switch from Custom Tariff to Next Drive Fixed V6 Eco 7 Electricity

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 2598 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 - E.ON (UK) Next Drive Fixed V6 Eco 7 Electricity

Energy Charges

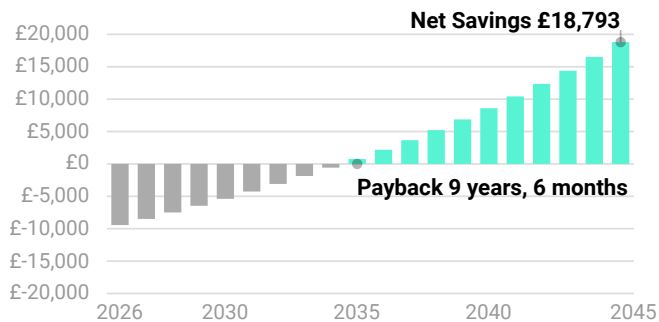
Day 8am-11pm\Mon-Sun	£0.25 / kWh
Night 11pm-8am\Mon-Sun	£0.07 / kWh



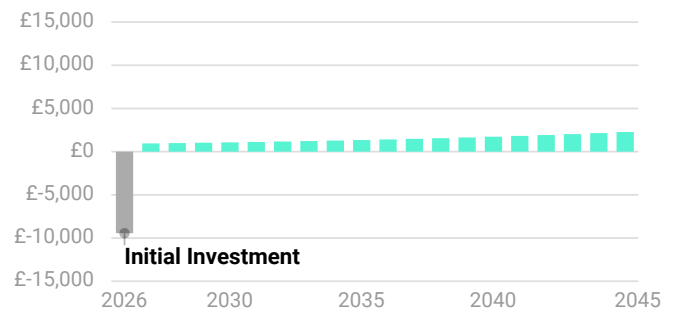
Smart Export Guarantee	
Feed-in Credit <i>All Days Mon-Sun</i>	£0.17 / kWh
Fixed Charges	
Standing Charge	£0.57 / day

Net Financial Impact Bank Transfer/ Card Payment

Cumulative Savings From Going Solar



Annual Savings From Going Solar



Net Present Value

13 Years
11 Months

Discounted Payback
Period

181%

Total Return on
Investment

10.4%

Rate of Return on
Investment

Year	Electricity Consumption (kWh)	Solar Generation (kWh)	Utility Bill (before new system) (£)	Utility Bill (after new system) (£)	Annual Savings (from new system) (£)	System Costs (Net of Dealer Incentives) (£)	Customer Incentives (Upfront) (£)	Net Savings (£)	Cumulative Impacts (£)
2026	2,598	3,348	855	-64	918	10,358	0	(9439)	(9439)
2027	2,598	3,336	915	-39	954	0	0	953	(8485)
2028	2,598	3,325	979	-13	992	0	0	991	(7493)
2029	2,598	3,313	1,047	15	1,033	0	0	1032	(6461)
2030	2,598	3,301	1,120	44	1,076	0	0	1076	(5385)
2031	2,598	3,290	1,199	76	1,123	0	0	1122	(4262)
2032	2,598	3,278	1,283	110	1,173	0	0	1173	(3088)
2033	2,598	3,266	1,373	146	1,227	0	0	1227	(1861)
2034	2,598	3,254	1,469	184	1,285	0	0	1284	(576)
2035	2,598	3,243	1,571	225	1,347	0	0	1346	769
2036	2,598	3,231	1,681	268	1,413	0	0	1413	2182
2037	2,598	3,219	1,799	315	1,484	0	0	1484	3666
2038	2,598	3,208	1,925	365	1,560	0	0	1560	5227
2039	2,598	3,196	2,060	418	1,642	0	0	1642	6869



Year	Electricity Consumption (kWh)	Solar Generation (kWh)	Utility Bill (before new system) (£)	Utility Bill (after new system) (£)	Annual Savings (from new system) (£)	System Costs (Net of Dealer Incentives) (£)	Customer Incentives (Upfront) (£)	Net Savings (£)	Cumulative Impacts (£)
2040	2,598	3,184	2,204	474	1,730	0	0	1729	8598
2041	2,598	3,172	2,358	535	1,823	0	0	1823	10422
2042	2,598	3,161	2,523	600	1,924	0	0	1923	12345
2043	2,598	3,149	2,700	669	2,031	0	0	2031	14377
2044	2,598	3,137	2,889	743	2,146	0	0	2146	16523
2045	2,598	3,126	3,091	821	2,270	0	0	2269	18793

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%



Quotation

Payment Option: Bank Transfer/ Card Payment

7 x Aiko Energy 515 Watt Panels (AIKO-A515-MAH60Mb)
1 x SigenStor EC 3.6SP (Sigenergy)
1 x SigenStor BAT 10.0 (Sigenergy)
1 x EDDI-16A1P02H, 1 x ZAPPI-2H07UW-G
Tilt Racks (7 panels)

Purchase Price

including £0.00 VAT

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 12th April 2026.

Payment Milestones

DNO Deposit Due when proposal is accepted	
Remaining Deposit Due after DNO Application and agreement	
Due 3 weeks before the installation begins Due 3 weeks before installation begins	
Due when project is completed	

Quote Acceptance

I have read & accept the terms and conditions.

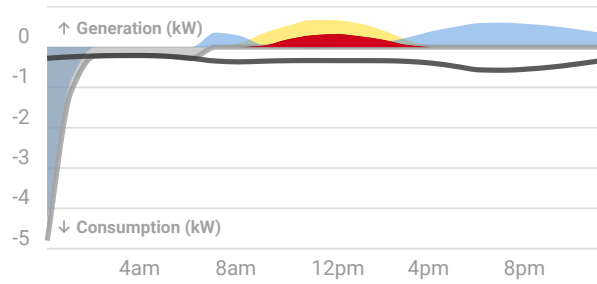
Signature

Name Jenny Hughes Date April 29, 2026

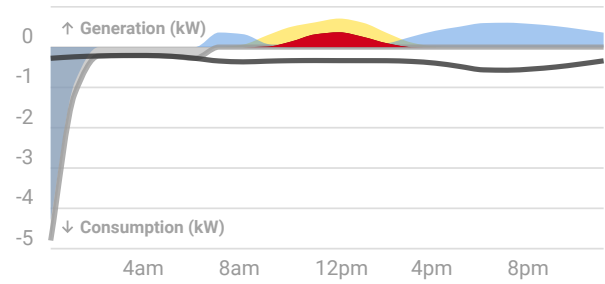
Daily Energy Flows

CONSUMPTION (kWh)
 GENERATION (kWh)
 BATTERY (kWh)
 NET CONSUMPTION (kWh)
 EXPORT TO GRID (kWh)

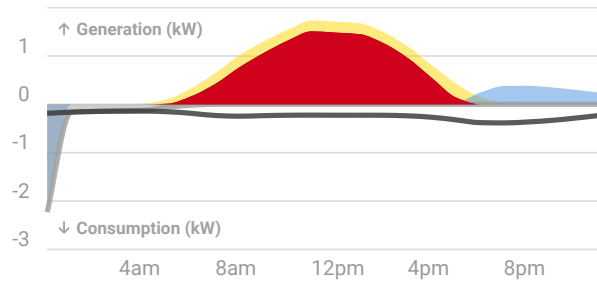
Winter Weekday



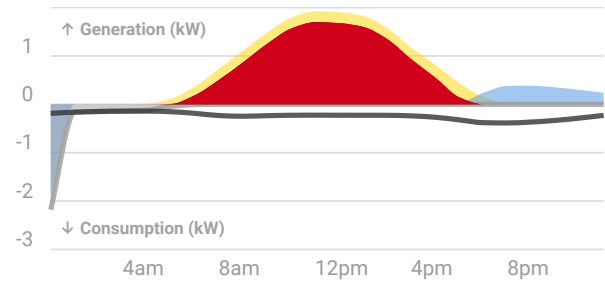
Winter Weekend



Summer Weekday



Summer Weekend



Why Choose SLC Solutions

Expertise and Experience

- Over 20 years of proven industry experience
- Authorised installer for leading brands including Zappi, Tesla, and Hypervolt
- Specialist expertise in both residential and commercial installations

Tailored to Your Needs

- Customised solutions for residential and commercial requirements
- Scalable systems designed for future expansion
- Future-proof installations using the latest technology

End-to-End Solutions

- Comprehensive service from initial consultation through to ongoing maintenance
- Expert guidance on available grants and government incentives
- Full project management of every installation

Safety & Compliance

- Rigorous adherence to safety standards and industry regulations
- Commitment to the latest technical specifications
- Extended warranties available on all installations

Peace of Mind

- MCS Accredited installer
- NICEIC Approved contractor
- Insurance backed guaranteed with CPA
- RECC member
- Price match guarantee

Investment Value

- Competitive pricing without compromising on quality
- Long-term cost benefits through efficient system design

A company you can trust





Customer reviews

Google Reviews

5.0 ★★★★★

[Read more Reviews](#)

“

The SLC team are absolutely brilliant. Very professional, friendly, answers all questions and helpful through out the solar & battery installation. They started work on time, finished ahead of schedule, and promptly addressed any issues. I highly recommend SLC Solutions for solar installations. They provide excellent service and support, even after the installation is complete.

Sathish Jayagopal

Salisbury, Wiltshire

”

“

Shaun is the best electrical engineer I have come across, his knowledge of renewables was endless. He and his design team took the time to listen and understand our needs. As a result they designed, installed and commissioned a complete whole home approach to reduce our energy consumption and therefore saving us thousands.

Martin Johnson

Bournemouth, Dorset

”

“

During a long career in the television industry, as a senior producer, I regularly employed staff on network programmes, so I know a good electrician when I see one – SLC Solutions are one of the best I have ever had the privilege of meeting. I recommend them for all levels of electrical work, without hesitation.

Roy Norton

ex Senior Producer/Director BBC/ITV

”

“

As the owner of a number of restaurants in Poole, SLC Solutions have always provided a prompt, reliable and excellent service. Whenever we have had an electrical issue, SLC has ensured it is resolved speedily and to a high standard. Thoroughly recommended!

Matthew Street

Director, StreetSharp Ltd

”



SOLAR • EV • ELECTRICAL

Proposal for Jenny Hughes



This proposal has been prepared by SLC Solutions using tools from OpenSolar. Please visit www.opensolar.com/proposal-disclaimer for additional disclosures from OpenSolar.



Contract of Sale – for contracts agreed on trade premises

Should you require either this Contract or any other information we have supplied to you in large print, please contact us.

This Contract has been prepared to comply with all our obligations under the Renewable Energy Consumer Code (RECC) and the Microgeneration Certification Scheme.

This contract details our obligations to you, and your obligations to us, if there is any point that we can clarify for you, please contact us.

1. The Quotation and Costing

The quotation we have given you is valid for 30 days from the date of issue. To confirm your order, you will need to sign both copies of this contract; you should keep one copy for your records and return the other copy to us at the address on the quotation. No contract will be in place until we confirm the order with you.

The quotation will document all goods and services we propose to supply, along with the total price for these goods and services including VAT.

We will provide you with a timetable for supplying the goods and carrying out the installation.

The quotation will include information as to the performance of the technology we have proposed to install. These performance estimates will be calculated according to the requirements of the MCS Scheme.

The quotation has been based on us being able to install your system as described without interruption. Should there be circumstances beyond our control which cause an interruption to the installation process we will discuss with you the implications of such a delay.

We will discuss with you and provide you with information as to the location of key components. You will be given the opportunity to approve the site designs before work commences.

We will advise you on approvals and permissions that may be required for the work; however, it will be your responsibility to ensure that such approvals and permissions are in place.

If there are additional payments that you may have to make, such as planning costs or if you need to consult a Structural Engineer, we will offer assistance and advice, but you will be responsible for these costs.

If there is a particular service or item of equipment that would normally be considered as part of the installation and you have requested that this not be included, then we will have documented this on the quotation.

Please take time to acquaint yourself with this contract, if there is anything you do not understand, or if you require clarification on any point, please contact us.

2. Planning permission

If your property is a listed building or you are in a conservation area you may need planning permission. We will assist you in gaining any permission but you are responsible for contacting your local planning authority to obtain confirmation that planning permission is not required.

We cannot be held responsible for any installations carried out where planning permission was required but not obtained. No refunds will be given in such cases.



Contract of Sale – for contracts agreed on trade premises

Requirements regarding planning permission can vary from area to area.

By signing the contract, you are confirming that you have received Planning Permission or a Building Warrant for the proposed installation, or ascertained that these are not required. We cannot be held responsible for any installations where Planning Permission or a Building Warrant was required but not obtained, and no refunds will be offered.

3. Right to cancel

Your rights under this contract

Should you decide within fourteen days of signing this contract that you do not wish to proceed, you may do so. Any advance payments we have taken from you will be returned. You should put your wish to cancel in writing, either by completing the Cancellation Form we have supplied to you, or by writing to us at the address on the quotation.

You may also cancel this contract if there is an unreasonable delay in the installation being carried out, if this has not been caused by you. You would also be entitled to a full refund if that delay has been caused by something outside of our direct control but not caused by you.

If you cancel this contract outside the cancellation period, you may have to pay to us reasonable costs for any losses we may have incurred. We will attempt to keep these costs to a minimum. If you have paid us a deposit or any advance payments we may retain all or part of these payments as a contribution.

You will be entitled to cancel this contract if there is a serious delay in our ability to carry out the agreed work that is outside of your control, but within our control. You will be entitled to a full refund.

If the final design or the main Energy Generator differs from what is outlined in the quotation, you are entitled to cancel the contract. You are also entitled to cancel the contract if, due to price increases in products, the total cost of this contract increases between initial signing and the payment schedule being introduced.

If we are in serious breach of our obligations as detailed in this contract then you will be entitled to cancel this contract, request a repair or replacement or you may be entitled to request compensation.

After the initial fourteen-day cooling off period, you can only recourse to these actions if the goods or services are incorrectly described or not fit for purpose. You will not be entitled to seek these remedies if you have changed your mind about the goods and services agreed to.

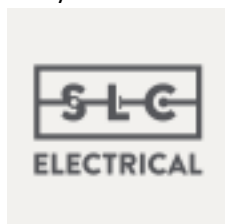
4. Effects of cancellation

Should you decide within fourteen days of signing this contract that you do not wish to proceed, you may do so. Any advance payments we have taken from you will be returned. You should put your wish to cancel in writing, either by completing the Cancellation Form we have supplied to you, or by writing to us at the address on the quotation.

5. Work begun prior to the expiry of the cancellation period

Rev 2 17/09/2024

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Contract of Sale – for contracts agreed on trade premises

If you have agreed in writing that work will commence before the fourteen day cancellation period expires, and you subsequently cancel, you are advised that reasonable payment may be due for any work carried out. You must confirm to us in writing that work may commence before your cancellation period expires.

6. Related credit and other agreements

If we have given you the option of a credit agreement for this contract and you decide to cancel your contract for our goods and services, then any credit agreement and any other ancillary contracts related to the main contract will be automatically cancelled.

7. Our rights under this contract

If, within fourteen days of us informing you in writing of a serious breach of your obligations to us you have failed to rectify this breach, we will have the right to cancel this contract.

Should we suffer any losses due to a breach of this contract then we will be entitled to reasonable compensation to cover these losses. We are required to attempt to keep all losses to a minimum.

8. Timetable for works

We will have agreed with you a timetable for carrying out the installation. By signing this contract, you are confirming that you agree with this timetable.

There can be occasions that this timetable may need to be varied, due to, for example, poor weather or unavailability of goods and services. We will inform you of any delay we become aware of at the earliest possible opportunity. We would then arrange a new mutually agreeable timetable.

In the case of severe delays to the delivery of goods then you may be offered different products of equivalent specification, value and quality, so long as they are MCS certified. You can either accept that offer, wait for the products you ordered or choose to cancel the contract without penalty.

Should the delay be caused by us, or by our suppliers, and that delay could be considered as severe by a reasonable person, you would be entitled to cancel this contract without penalty to you.

Should the delay be caused by you, we will attempt to accommodate that delay without cost to you. However, if the delay incurs us in extra costs, for example scaffolding, we will require that you cover these costs.

9. The Installation

The installation will be carried out strictly in line with the MIS Standard relevant to the technology, and to any document referred to within that standard. In addition, we will ensure at all times that we meet all our obligations under RECC.

If, during the installation process, we come across any situation that we could not reasonably be expected to foresee, for example, remedial electrical or building work, we will discuss with you the implications and costs involved in rectifying the problem.

The goods we supply will be of satisfactory quality and fit for the purpose. They will operate as we have described to you.

SLC Electrical Ltd Registered in England and Wales 13833612 VAT Registration No: 340397211
MCS Registration No: NIC-601316 Consumer Code Reg: 00075452

Rev 2 17/09/2024

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Contract of Sale – for contracts agreed on trade premises

We will have insurances in place which will cover any loss or damage caused by us or our agents.

You will be required to supply to us normal services free of charge; this would include toilet, washing, water facilities and electricity. You should also ensure we have safe and easy access to the installation area and if required, the password to your Wi-Fi.

Any work to prepare for the installation, carried out by you or a third party that you employ should be carried out in line with the agreed start date for the installation. If this work has not been completed and a consequent delay is caused you may be liable for any costs incurred by us for such a delay.

The work will be carried out by personnel trained in each of the tasks they are assigned.

You will be given warranties for both the installation itself and for the installed goods. The terms of these warranties will be given to you in writing and we will explain them to you verbally.

Within seven days of the completion of the installation we will hand over to you all documentation required as set out within the appropriate Microgeneration Installation Standard.

SLC Solutions will remove all waste from site as part of our service and dispose of it ethically and legally. Waste will be removed not more than 7 days following completion of the installation.

10. Deposits, advance payments and goods purchased with deposits and advance payments

Any deposits and advance payments that you make to us can only be used to carry out work under this contract.

We are required under RECC to protect any deposits and advance payments you make to us, as well as the Workmanship Warranty, with an insurance policy. We will give to you the name and contact details of this insurance company with the quotation. You will be entitled to claim on this policy should we fall into receivership, bankruptcy or administration.

When we purchase goods for use under this contract the legal title to those goods or the proportion of which you have paid us for will pass to you. We will either deliver them to you or we will store them for you and mark them as your property. They will be kept separate from other goods. We will ensure that these goods are insured until they are delivered to you. You may make arrangements to inspect the goods or to remove them from our premises if you wish.

If we have requested a deposit, then this deposit will not exceed 25% of the total contract price set out in the quotation. Should you decide to cancel this contract within the cancellation period, then this deposit will be returned to you promptly.

If we have requested advance payments in addition to a deposit, the total of all advance payments and deposits will not exceed 60% of the total contract price.

We will not request advance payments to be made any more than 3 weeks from the agreed delivery or installation date.

If we have requested a deposit before a full technical assessment of your property has been made, and we are unable

to proceed because of something discovered during that technical inspection, then any deposits or advance payments will be returned.

When you confirm the order, if we have requested a deposit, we will register your name, address and the total value of the contract with <Insurance Backed Guarantee Provider>. If you are not content for us to register your details in this

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MCS Registration No: NIC-601316 Consumer Code Reg: 00075452

Rev 2 17/09/2024

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Contract of Sale – for contracts agreed on trade premises

way, please let us know. The insurance provider will send the policy documents direct to you. This policy will be at no additional cost to you.

The quotation will set out in detail when invoices will be sent and the amounts due for each payment.

11. Goods belonging to us

Any goods belonging to us that have been delivered to you should remain clearly identifiable as our property. Until the title to the goods is transferred to you the goods should be stored in such a way as they are protected from damage. They should be kept in their original packaging. Should you fear for the safety of the goods in any way, or you feel that the goods are causing any form of hazard you should contact us.

Where products and materials are delivered to, or stored at, the installation site you, the customer, shall not be liable for inspection, storage or handling of those goods. This does not preclude us asking you to check the goods received for any visible damage, and to ensure they are correct.

Should you terminate the contract for any reason, then we will make arrangements with you to collect the goods. If this happens then we will reimburse you if any of your money was used to purchase a proportion of the goods. If you do not make adequate and reasonable arrangements with us to allow the goods to be collected, we retain the right to take legal proceedings to recover the goods or their value. The amount of any reimbursement may be reduced by any reasonable costs we may have incurred.

12. Changes to the planned work

If you decide to make changes to any planned work after you have signed this contract you should contact us without delay. Wherever possible we will incorporate your changes and if we are not able to do so we will inform you as to why it is not possible for us to do so.

Where we are able to agree to your changes we will require that you set out, in writing and within fourteen days, confirmation of your request.

You need to be aware that any changes to the original design may mean an adjustment to the cost of the installation. Any adjustment in the cost, either in addition or subtraction will be dealt with as a Variation of Contract and we will adjust the price by written agreement with you. You are also entitled to cancel the contract if there are changes in the original design or if the main Energy Generator differs to that in the quotation, as outlined in clause 3 of this contract.

There can be occasions when we come across unexpected work. Should this arise, we will discuss this with you. If it is an area of work in which we are competent to operate, we will issue you with a quotation to complete that work. We will have documented on the quotation the normal rate for the work of our installers. If the work is outside our area of competence, we will assist you in finding a suitably qualified contractor to carry out the work. If this unexpected work causes a delay in the installation process, we may need to make reasonable charges for this delay.

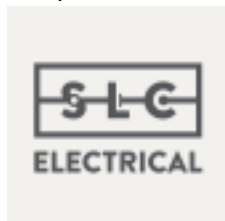
13. Late payment

You should make the payments agreed on the quotation as they become due. The final payment will be due on completion of the installation. If you fail to make any agreed payment we may cease work. If you fail to pay the amount specified in an invoice sent to you by the agreed due date, then we reserve the right to charge you interest until you pay the amount due. The interest rate we will charge will be 3% above the Bank of England base rate.

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Contract of Sale – for contracts agreed on trade premises

It is not permissible under this contract to withhold any more than a proportionate amount of the outstanding balance for any alleged defect. If you do withhold any amount after a payment has become due, you should give us notice of your intention before the final date on which payment is due. You should also, with that notice, state the reasons for withholding payment.

If we intend to cease work, we will give you notice of this in writing.

If you are in breach of this contract because you have not made a payment that was due to us and we have ceased work, you may have to compensate us for any additional costs we have incurred.

Dependent on the circumstances, we may require that the goods are returned to us. If necessary, we will take legal proceedings to recover the goods or/and any outstanding amounts due to us.

14. Complaints

If you have reason to complain about any aspect of our dealings with you, we will supply you with the following information:

- The name and contact details of the person with whom initial and ongoing contact should be made;
- The timescale for the sending of a written acknowledgement of a complaint;
- The details of the timescale within which the outcome of an investigation of the complaint will normally be completed

We will advise any complainant at the earliest opportunity if we consider we will be unable to meet our normal timescale for the investigation of complaints, and we will give reasons for the same and will advise the complainant of the new anticipated date of completion of the investigation.

15. Insurance

It is recommended that you inform your property insurers about the proposed installation to check if it will increase your buildings insurance premium.

As members of a Consumer Code, we must have appropriate insurance to cover possible third-party damage, which may be caused by any of our activities. We are insured by <Public Liability Insurance Provider>.

16. Mediation and arbitration

Note: The RECC renewable adjudication service only covers unresolved disputes arising from issues connected to the sale and installation of small scale renewable technologies.

If at any time a dispute arises between you and us that cannot be resolved you can refer the matter to be handled through RECC's dispute resolution process provided it falls within their remit. We must agree to follow this procedure if that is your wish. RECC is certified through the Chartered Trading Standards Institute as an Alternative Dispute Resolution provider. You can find further information on the RECC website: www.recc.org.uk/consumers/how-to-complain.

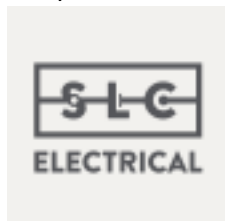
If you register a dispute with RECC it will be allocated to a RECC caseworker, who will mediate between both parties in order to resolve the dispute. Mediation aims to reach a non-legal solution to the dispute in a reasonable timescale.

If an agreement is not reached through mediation for any reason, you can refer the matter to RECC's Renewable Adjudication Service, and we must agree to arbitration if that is your wish. You would have to pay a small fee directly for

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Contract of Sale – for contracts agreed on trade premises

this, which may be refunded to you if the arbitrator finds in your favour. In some cases, RECC may agree to refer your complaint directly to this service without mediation.

You can find more information on the RECC website: [www.recc.org.uk/consumers/how-to-complain/independent arbitration](http://www.recc.org.uk/consumers/how-to-complain/independent-arbitration)

An award made under the Renewable Adjudication Service will be final and legally binding on you and us, provided you accept the findings. If you choose not to accept the decision by the Renewable Adjudication Service, it is not final and binding, leaving you to pursue legal avenues, such as small claims court, at which point RECC will cease to be involved in the process.

Disputes that relate to the MCS Installer Standards can be referred to our MCS Certification Body. We will supply their contact details to you on request.

We recommend that you read the Renewable Energy Consumer Code, it is available at www.recc.org.uk

17. Privacy

Using Your Personal Information

1. We will use the personal information you provide to us in accordance with the Data Protection Act 2018 ,General Data Protection Regulations and more specifically to:

- a) Supply the Goods and Services to you
- b) Process any payments that you make for the Goods and Services, including if necessary conducting credit reference check;
- c) Register your installation with any relevant bodies, including your deposit protection and insurance backed guarantee and any competent persons scheme;
- d) Address any concerns or complaints that you have about the Goods and Services, including liaison with RECC or The Dispute Resolution Ombudsman where the law requires us to share.

Where you have indicated that you would like to receive further information on offers, products and services, you can change this at any point by contacting us.

18. Commissioning the system

The installation will be commissioned according to MCS requirements and associated technical standards to ensure that the system is safe, has been installed in accordance with documented procedures and manufacturer's requirements and is operating correctly in accordance with the system design.

We will also, at this time, provide to you a Handover Pack containing information about the installed equipment and system performance.

We will explain the operation and maintenance requirements of the system. A detailed operating manual will be provided to you within 7 days.

We will register the installation with Building Control; a certificate of confirmation will be provided to you.

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MCS Registration No: NIC-601316 Consumer Code Reg: 00075452

Contract of Sale – for contracts agreed on trade premises

We will register the installation with MCS and will provide you with proof of this. Please add this to your Handover Pack when you receive it.

Agreement

This contract is agreed between:

SLC Electrical
41 Talbot Road
Winton
Bournemouth
BH9 2JB

And

Customer Name: Jenny Hughes

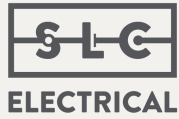
Customer Address: The Shepards Upper Chute SP11 9ER England

Customer Signature:

Date:

05/06/26

SLC Electrical:
Shaun Cooper



Workmanship Warranty

SLC Electrical
41 Talbot Road
Winton
Bournemouth
BH9 2JB
07872 606987
info@slcelectrical.net

Workmanship Warranty

1. We warrant to you that the installation will be carried out by appropriately qualified and trained personnel. They will use a level of reasonable care and skill as it is reasonable for you to expect. The warranty period for the installation services shall be 2 years from completion of the installation services.

2. If you make a valid claim about our service in accordance with our terms and conditions, we may arrange for the relevant products to be reinstalled by any of our registered or approved installers, or refund to the customer the charge for the relevant part of the installation service (or a proportionate part of such charge).

3. This warranty will only apply:

- If the product has been installed by us and has been properly used and maintained throughout the warranty period;
- If you have informed us of the alleged defect within the warranty period and within a reasonable period of discovery.

4. You will promptly provide all information and support including access to site and services that are reasonably necessary to enable us to evaluate any alleged defect and to perform its obligations under this warranty.

You will ensure that all premises, plant, power, fuel support services and other inputs that you provide for the installation and use of the products are reasonable, are fit for purpose and will be properly used and provided.

5. Any dispute as to whether a defect is covered by this warranty can be handled by the Renewable Energy Consumer Code's Dispute Resolution Process as detailed in section 9.1 of the Renewable Energy Consumer Code.

6. Where we have installed a system in a property that is sold within the warranty period the warranty will pass to the new legal owner of the property. It may not be transferred to or exercised by any third party.

7. This warranty is governed by English law and the English courts or by the law and the courts governing where your property is, if this is outside England or Wales.

8. Most products supplied by us come with the benefit of a manufacturer's product guarantee. Where a claim in respect of any of the products is notified to us by you in accordance with our terms and conditions, we will liaise with the manufacturer and use all reasonable endeavours to secure a replacement of the product (or the part in question), or a refund of the price of the product (or a proportionate part of the price). This warranty does not replace or limit your legal rights to bring a claim against us as the retailer of the goods supplied

Date of Issue:

05/06/26

Letter Of Authority

Customer's Address: The Shepards Upper Chute SP11 9ER England

Date: 05/06/26

Re Grid Application The Shepards

To whom it may concern

I, Jenny Hughes, hereby give authority to SLC Electrical to act on my behalf to contact national grid for proposed installation of additional battery solutions to my existing solar installation, as owner of the property for the purposes of, and in connection with the Project.

Yours faithfully,

Customer's Name: Jenny Hughes

Customer's Signature:



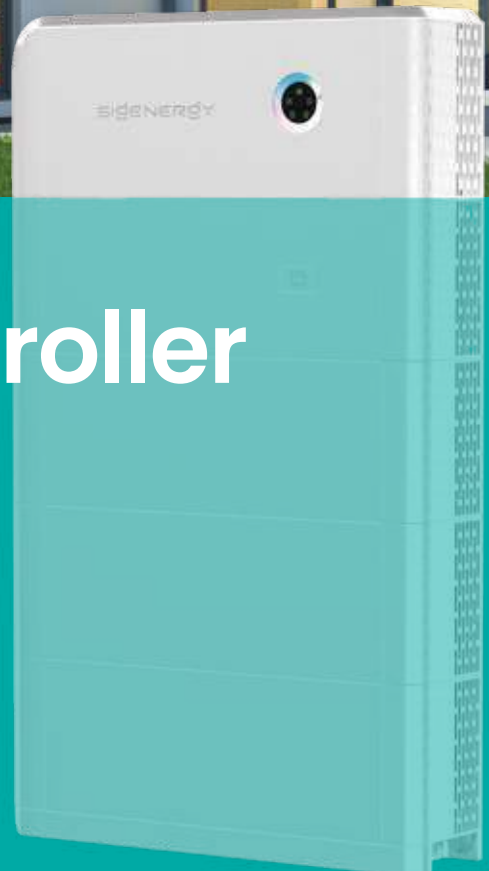
SIGENERGY



Sigen Energy Controller

3.0 – 6.0 kW Single Phase

- EMS inside for precise control
- On & off-grid compatibility
- Multi-source black start
- DC/AC ratio up to 2
- IP66 system protection rating



www.sigenenergy.com

Sigen Energy Controller 3.0–6.0 kW Single Phase

SigenStor EC	3.0 SP	3.6 SP	4.0 SP	4.6 SP	5.0 SP	6.0 SP	Units	
DC Input (from PV)								
Max. PV power	6000	7360	8000	9200	10000	12000	W	
Max. DC input voltage				600			V	
Nominal DC input voltage				350			V	
Start-up voltage				100			V	
MPPT voltage range				50 ~ 550			V	
Number of MPP. trackers				2				
Number of PV strings per MPPT				1				
Max. input current per MPPT				16			A	
Max. short-circuit current per MPPT				20			A	
AC Output (on-grid)								
Nominal output power	3000	3680	4000	4600	5000	6000	W	
Max. output apparent power	3300	3680	4400	5000	5500	6600	VA	
Nominal output current	13.6	16.0	18.2	20.9	22.7	27.3	A	
Max. output current	15.0	16.0	20.0	22.7	25.0	30.0	A	
Nominal output voltage				220 / 230 / 240		V		
Nominal grid frequency				50 / 60		Hz		
Power factor				0.8 leading ~ 0.8 lagging				
Total current harmonic distortion				THDi < 2%				
Efficiency								
Max. efficiency				98.0%				
European efficiency	97.0%	97.1%	97.2%	97.3%	97.4%	97.4%		
AC Output (backup)								
Peak output power (10 seconds)	4500	5520	6000	6900	7500	9000	W	
Nominal output voltage				220 / 230 / 240		V		
Nominal output frequency				50 / 60		Hz		
Power factor				0.8 leading ~ 0.8 lagging				
Total voltage harmonic distortion				THDv < 2%				
Disruption time of backup switch ¹				0				ms
Battery Connection								
Battery module models				SigenStor BAT 5.0 / 8.0				
Number of modules per controller				1 ~ 6				pcs
Battery module voltage range				300 ~ 600				V
Protection								

General Data

Dimensions (W / H / D)	700 / 300 / 245	mm
Weight	18	kg
Storage temperature range	-40 ~ 70	°C
Operating temperature range	-30 ~ 60	°C
Relative humidity range	0% ~ 95%	
Max. operating altitude	4000	m
Cooling	Natural convection	
System ingress protection rating	IP66	
Communication	WLAN / Fast Ethernet / RS485 / Sigen CommMod (4G/3G/2G)	

Standard Compliance

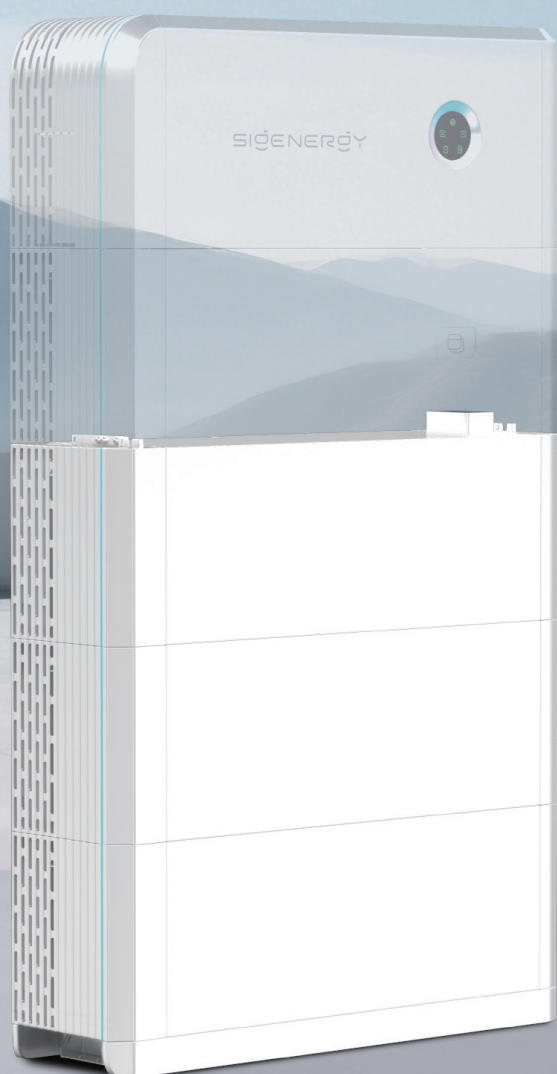
Standard ³	IEC/EN 62109-1, IEC/EN 62109-2, IEC/EN 62477, IEC/EN 61000-6-1, IEC/EN 61000-6-2
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- This refers to the load-side disruption time, to achieve this functionality Sigen Energy Gateway needs to be used together with Sigen Energy Controller and Sigen Battery. Test conditions: In the open-circuit state of the power grid, the nominal power of the Sigen Energy Controller is higher than the total power of the home loads.
- This is an optional feature only supported in certain models, please contact Sigenenergy for more information.
- For all standards refer to the certificates category in the Sigenenergy website.

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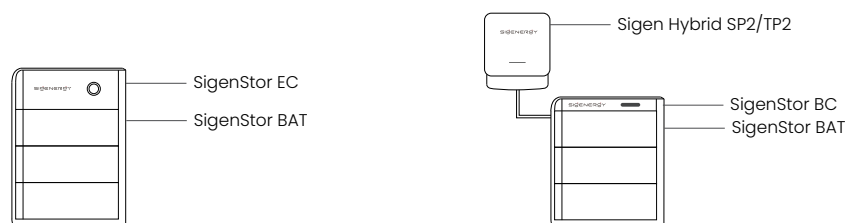
Sigen Battery

- Premium 314Ah cells with 10,000 cycles, long-lasting & reliable
- 5-layer battery safety protection to define the safety standard
- Battery optimizer inside, mix old and new, upgrade with ease
- Higher energy density, efficient storage, compact design
- 100% depth of discharge, maximum energy utilization



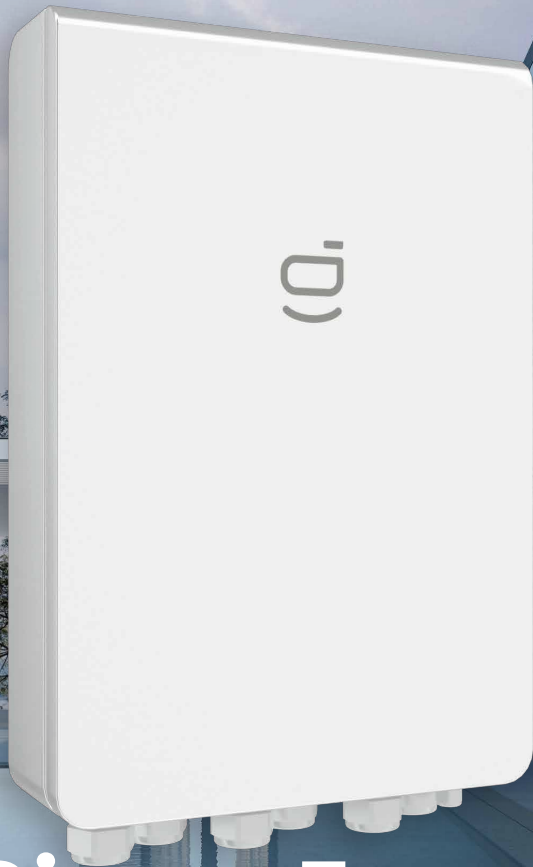
Sigen Battery 6.0 / 10.0

SigenStor BAT	6.0	10.0	Units
Performance Specification			
Battery type	LiFePO4		
Cell capacity	314		Ah
Cycle life ¹	10000		
Total energy capacity	6.02	9.04	kWh
Usable energy capacity ²	5.84	8.76	kWh
Depth of discharge ³	100%		
Max. charge / discharge power	3000	4600	W
Peak charge / discharge power (10 seconds)	4500	6900	W
General Data			
Weight	62	78	kg
Dimensions (W / H / D)	767 / 270 / 265		mm
Storage temperature range	-25 ~ 60		°C
Operating temperature range	-20 ~ 55		°C
Relative humidity range	5% ~ 95%		
Max. operating altitude	4000		m
Cooling	Natural convection		
System ingress protection rating	IP66		
Installation method	Floor standing / Wall-mounted		
Number of modules per controller	1 ~ 6		pcs
Compatible inverters	SigenStor EC series, Sigen Hybrid SP2/TP2 series ⁴		
Standard Compliance			
Standard ⁵	IEC/EN 60730-1, UN 38.3, IEC/EN 62619, IEC/EN 63056, IEC/EN 62477		
	SigenStor BC		
Operating voltage range (Single Phase)	300 ~ 600		V
Operating voltage range (Three Phase)	600 ~ 900		V
Weight	8		kg
Dimensions (W / H / D)	765 / 109 / 260 (without decorative cover)		mm
Compatible battery	SigenStor BAT series		
Compatible inverter	Sigen Hybrid SP2/TP2 series		
Communication	CAN		



1. This is provided by the battery cell manufacturer. Based on cell test condition of 25±2°C 0.5C charge and discharge rate and SOH=60%.
2. Test conditions: 100% depth of discharge, 0.2C rate charge & discharge averagely at 25°C, at the beginning of life.
3. Refers to the usable energy capacity. Battery must be recharged within 7 days after being fully discharged to keep battery healthy.
4. SigenStor BC must be used if Sigen Hybrid SP2/TP2 is to be connected to the Sigen Battery.
5. For all standards refer to the certificates category on the Sigenenergy website.

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Sigen Energy Gateway HomeMax Series

- Multiple breaker positions reserved for SigenStor or other loads
- Seamless switch to backup mode, worry-free energy usage
- Ready for generator, heat pump or other controllable loads
- Support both whole home backup & partial home backup
- 350 ms reverse power flow protection of grid & generator
- Uninterrupted power supply through PV+ESS/grid/generator

Sigen Energy Gateway HomeMax Single / Three Phase

Preliminary

Sigen Gateway	HomeMax SP	HomeMax TP	Units
Grid Connection			
Grid connection type	Single phase	Three phase	
Nominal AC input / output voltage	220 / 230 / 240	380 / 400	V
Nominal AC input / output current	100	76	A
Nominal AC input / output power	22 / 23 / 24	50 / 52.6	kW
Nominal AC frequency	50 / 60		Hz
Disruption time of backup switch ¹	0		ms
AC Output to Backup Port			
Nominal AC output voltage	220 / 230 / 240	380 / 400	V
Nominal AC output current	100	76	A
Nominal AC output power	22 / 23 / 24	50 / 52.6	kW
Nominal AC frequency	50 / 60		Hz
Overvoltage category	III		
Inverter Connection / EV Charger Port (optional)			
Max. number of connection	3	2	
Nominal AC voltage	220 / 230 / 240	380 / 400	V
Nominal AC input current	32	38	A
Compatible EV charger power	7	11 / 22	kW
EV charging mode	Solar boost charging, time-based charging, load balancing		
Smart Port Connection			
Generator output voltage	220 / 230 / 240	380 / 400	
Nominal input / output current	63	76	A
Nominal AC input / output power	13.8 / 14.5 / 15.1	50 / 52.6	kW
Generator 2-wire start	Supported		
General Data			
Dimensions (W / H / D)	455 / 660 / 179	510 / 750 / 179	mm
Weight	19	23	kg
Storage temperature range	-40 ~ 70		°C
Operating temperature range	-30 ~ 55		°C
Relative humidity range	0% ~ 95%		
Max. operation altitude	4000		m
Cooling	Natural convection		
Ingress protection rating	IP54		
Communication	Fast Ethernet, RS485, dry contact		
Installation method	Wall mounted		

1. This refers to the load-side disruption time, to achieve this functionality Sigen Energy Gateway needs to be used together with Sigen Energy Controller and Sigen Battery. Test conditions: In the open-circuit state of the power grid, the nominal power of the Sigen Energy Controller is higher than the total power of the home loads.

eddi



Eco-Smart Energy Diverter



eddi is an eco-smart energy management system. It diverts surplus power from solar PV or wind generation to a designated heating appliance such as an immersion heater. This excess energy will go directly to the appliance (or two sequentially). eddi allows you to stop exporting surplus energy back to the grid and saves you money on your energy bill.



eddi utilises myenergi's proprietary VariSine™ technology to ensure compliance with worldwide power grid standards

Internet connected &
remote controllable

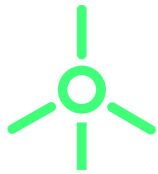
Works with heat pumps
When used with optional Relay &
Sensor Board

3-Year Warranty

eddi Features

- 3.68kW / 16A max heater load
- Expansion module option – 2 extra outputs with temperature control
- Integral bypass switch
- Graphical back-lit LCD screen for ease of use
- Fan-less cooling
- Built-in programmable boost timers
- VariSine™ PWM technology

- Supports two heaters (sequentially)
- Wall mounting bracket for ease of installation
- Overload and short-circuit protection
- Ethernet port and built-in WiFi for connecting to the internet
- Complies with CE and UKCA Requirements
- Works alongside battery storage systems
- Energy monitoring on the go via the myenergi app



Free Water & Space Heating using Excess Energy from your Solar PV or Wind Turbine

Performance

Power Control Technology:	VariSine™ pure sine wave (Pulse Width Modulation)
Outputs:	2 (Sequential operation with selectable priority)
Bypass Switch:	Integral On/Off/Bypass Switch
Cooling:	Rear mounted passive cooled heatsink
Indicators:	LED indication: Supply On. Heater 1 and Heater 2 active
Display:	Graphical LCD with LED backlight (Shows heating status and savings data)
PWM Resolution:	0.1%
Measurement Accuracy:	+/- 1%
Power Conversion Efficiency:	97.5% typ.
Compliance:	LVD 2014/35/EU, EMC 2014/30/EU, EN 60335-1:2012, EN 55014-1:2006, EN 55014-2:1997, +A1:2001+A2:2008, EN 61000-3-2:2006, +A1:2009+A2:2009, EN61000-3-3:2008

Electrical Specs

Rated Input Power:	3.68kW
Rated Supply Voltage:	230V AC Single Phase (+/- 10%)
Supply Frequency:	50Hz
Rated Current:	16A
Standby Power Consumption:	3W Typical
Generator Size Supported:	No limit (Subject to 100A per phase grid supply ¹)
Heater Load Size:	100W min. 3.68kW max.
Wireless Interface:	868 / 915MHz (proprietary protocol) for wireless sensor and remote monitoring options
Grid Current Sensor:	100A max. primary current ¹ , 16mm max. cable diameter
Supply Cable Entry:	Bottom Entry

Mechanical Specs

Dimensions:	220 x 205 x 87mm (excluding wall bracket)
Weight:	4.3Kg (excluding wall bracket)
Protection Degree:	IP20
Enclosure Material:	Painted Zintec Steel
Operating Temperature:	-20°C to +40°C
Mounting Method:	Wall Mounting Bracket

Relay & Sensor Board (Optional)

Economy Tariff Sense Input (eSense):	230V AC sensing (2.5kV isolated)
Multifunction Relay:	2x 16 Amp
Temperature Sensor Inputs:	2x PT1000

Model number

EDDI-16A1P02H

¹ 65A when current transformer is connected using a harvi wireless transmitter (optional)