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Bridgefoot, Stedham Ln, Stedham

Quote #: 2303186

Valid until: 17th June 2023



Solar Energy System Proposal

Recommended System Option

9.03 kW

System Size

15,000 kWh

Annual Electricity Usage

9,721 kWh

Estimated Annual Solar Generation

89%

Self-consumption



Your Solution

Solar Panels

Jinko Solar Co., Ltd.

9.030 kW Total Solar Power

21 x 430 Watt Panels (JKM430N-54HL4R-B)

9,721 kWh per year

Battery

Tesla

13.5 kWh Total Battery Storage

1 x Tesla Powerwall+

Power Optimizer

SolarEdge P401 Power Optimizer

21 x P401

SolarEdge Home Wave Inverter –Three Phase 3kW-10kW

6.000 kW of inverter power

SolarEdge Technologies Ltd.

1 x SE6K

12 Years Product Warranty

Produce More, Use More, Save More

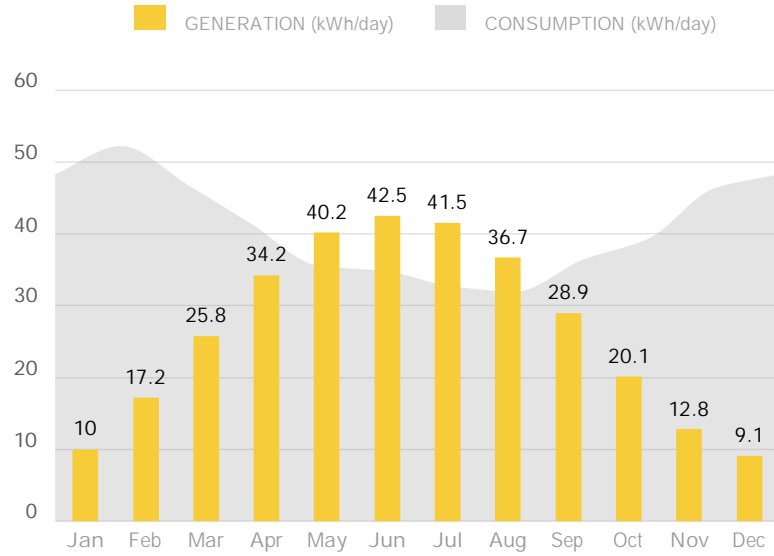


solaredge

Warranties: 25 Year Panel Product Warranty, 30 Year Panel Performance Warranty, 12 Year Inverter Product Warranty, 10 Year Battery Product Warranty

System Performance

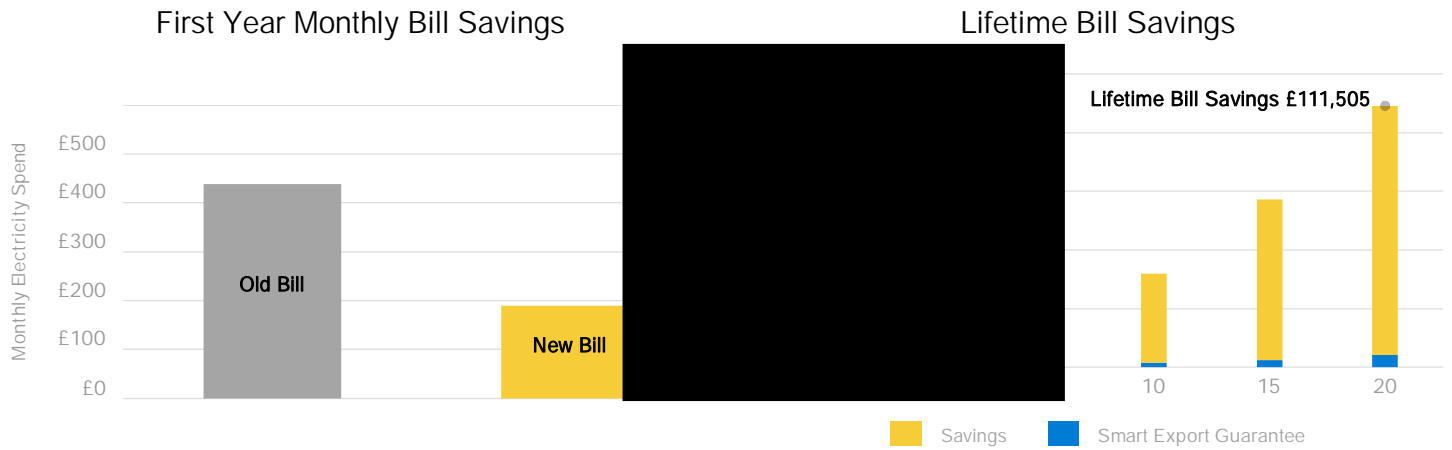
65%
Energy From Solar



<p>89% Self-consumption</p>	<p>11% Export to grid</p>
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System Performance Assumptions: System Total losses: 0%, Inverter losses: 0%, Optimizer losses: 0%, Shading losses: 0.7%, Performance Adjustment: 0%, Output Calculator: MCS. Panel Orientations: 21 panels with Azimuth 182 and Slope 20.

Electricity Bill Savings



Month	Solar Generation (kWh)	Electricity Consumption before solar (kWh)	Electricity Imported after solar (kWh)	Electricity Exported after solar (kWh)	Export Credit (£)	Utility Bill before solar (£)	Utility Bill after solar (£)	Estimated Savings (£)
Jan	311	1,498	1,188	0	0	523	418	105
Feb	482	1,463	987	0	0	511	349	162
Mar	799	1,453	679	0	0	508	245	263
Apr	1,027	1,237	297	42	6	434	108	326
May	1,245	1,101	138	236	35	388	25	363
Jun	1,276	1,046	103	290	44	370	6	364
Jul	1,286	1,013	78	307	46	358	-6	364
Aug	1,138	993	105	207	31	351	18	333
Sep	868	1,092	273	16	2	385	104	281
Oct	624	1,218	614	0	0	428	223	205
Nov	384	1,389	1,009	0	0	486	357	129
Dec	282	1,497	1,215	0	0	523	427	96

Rate not specified, using Electricity based on location.

Your projected energy cost is calculated by considering a 7.0% 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 15000 kWh per year, assuming Electricity 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 Electricity (England)	
Energy Charges	
Usage Charge <i>All Day</i>	[Redacted]
Feed-in Tariff	

Feed-In Credit <i>All Day</i>		
Fixed Charges		
Fixed Charge		



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