ELECTRICITY SAVING FIGURES

OCTA 2000W 2(KW) Plug-In Solar System

Year	Plug In Solar Savings (£)	Cumulative Savings (£)
1	£277.13	£277.13
2	£304.83	£581.96
3	£335.23	£917.19
4	£368.57	£1,285.76
5	£405.11	£1,690.87
6	£445.12	£2,135.99
7	£488.90	£2,624.89
8	£536.77	£3,161.66
9	£589.08	£3,750.74
10	£646.20	£4,396.94
11	£708.52	£5,105.46
12	£776.46	£5,881.92
13	£850.47	£6,732.39
14	£931.03	£7,663.42
15	£1,018.62	£8,682.04
16	£1,113.79	£9,795.83
17	£1,217.09	£11,012.92
18	£1,329.09	£12,342.01
19	£1,450.40	£13,792.41
20	£1,581.66	£15,374.07

Average Saving per Year (Over 20 Year Period)	**£697.51**
Total Electricity Savings (Over 20 Year Period)	**£13,950.39**

These figures are for a OCTA (2KW) Plug-In Solar System. These figures assume that you have south facing solar panels, pitched at a 35 degree angle, you pay 14.05p per unit of electricity (Standard rate as of February 2015 source: Energy Saving Trust) and 100% of the solar electricity that you generate will be used in your home. Calculations assume an annual energy price inflation of 10% & include solar radiation & system losses, in a western UK location, due to Temperature 6.8% and Angular Reflectance 2.9%, as well as other losses (e.g. Cables, Inverter) of 12%. 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 & from year to year. This estimate is based upon the Government's standard assessment procedure for energy rating of buildings (SAP) and is given as guidance only. Illustrative solar PV performance figures only. Figures are given in good faith but do not constitute "Financial Advice". Yearly PV output uses a factored degradation over time based on industry estimates. Photovoltaic Panels will not be shaded (e.g. by Trees or Buildings) as shading affects PV output.

Plug-In Solar
info@pluginsolar.co.uk
www.pluginsolar.co.uk | 01444 239807
289 London Road | Burgess Hill | West Sussex | RH15 9QU