HOW MUCH MONEY COULD I SAVE WITH A 1kW PLUG-IN SOLAR KIT?

Plug-In Solar 1kW (1000W) Kit Details
Total Savings (Over 20 Year Period): **£7,954.46**
Average Saving per Year (Over 20 Year Period): **£397.23**

Solar Energy Generated Per Year: 986kWh
Solar Energy Generated Over 20 Years: 19,720kWh

7 Year Payback (ROI) Period

YEAR	ENERGY SAVINGS PROVIDED BY PLUG-IN SOLAR KIT (£)	CUMULATIVE SAVINGS (£)
1	£143.39	£143.39
2	£157.72	£301.11
3	£173.45	£474.56
4	£190.70	£665.26
5	£209.60	£874.86
6	£230.30	£1,105.16
7	£252.95	£1,358.11
8	£277.72	£1,635.83
9	£304.79	£1,940.62
10	£334.34	£2,274.96
11	£366.58	£2,641.54
12	£401.74	£3,043.28
13	£440.03	£3,483.31
14	£481.71	£3,965.02
15	£527.03	£4,492.05
16	£576.27	£5,068.32
17	£629.71	£5,698.03
18	£687.66	£6,385.69
19	£750.43	£7,136.12
20	£818.34	£7,954.46

Average Saving per Year (Over 20 Year Period)	**£397.23**
Total Savings (Over 20 Year Period)	**£7,954.46**

Disclaimer and Assumptions
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. Specific appliance ratings and equipment age will affect energy consumption and these examples are guidelines only. Appliance consumption information from Center for Sustainable Energy (www.cse.org.uk). Based on A-Rated (or higher) appliances. These figures assume that you have south facing 250W polycrystalline solar panels, tilted at an angle of 35°, you pay 14.37p per unit of electricity (Standard rate as of May 2017 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%. Figures obtained from www.solarguide.co.uk/solar-pv-calculator.

Plug-In Solar Ltd
289 London Road | Burgess Hill | West Sussex | RH15 9QU
www.pluginsolar.co.uk | info@pluginsolar.co.uk | 01444 672005

Company Number: 7483249
VAT Number: 228 8506 86