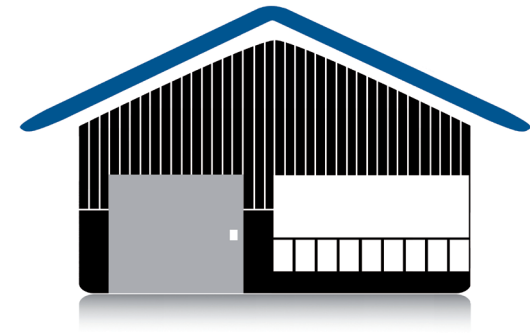


## Solar Sizing Guide

We can customise our kits to satisfy any end user, from light users through to commercial ventures



Output (KWP)	1.52 KWP	2.28 KWP	3.04 KWP	3.8 KWP	5.7 KWP	7.6 KWP	9.5 KWP	11.4 KWP
Area (m <sup>2</sup> )	10.21 m <sup>2</sup>	15.32 m <sup>2</sup>	20.43 m <sup>2</sup>	25.53 m <sup>2</sup>	38.30 m <sup>2</sup>	51.07 m <sup>2</sup>	63.83 m <sup>2</sup>	76.60 m <sup>2</sup>
Number of modules	8 Panels	12 Panels	16 Panels	20 Panels	30 Panels	40 Panels	50 Panels	60 Panels
Electricity generated annually (KW)	1,305 KWP pa	1,957 KWH pa	2,610 KWH pa	3,262 KWH pa	4,893 KWH pa	6,524 KWH pa	8,155 KWH pa	9,786 KWH pa
Annual FIT income (£)	564.96	847.45	1,129.93	1,412.41	1,849.51	2,466.01	3,082.51	3,219.52
Annual export income (£) (Assuming 50% of energy generated is exported)	19.57	29.36	39.14	48.93	73.39	97.86	122.32	146.79
Electricity cost saving (£) (Based on tariff of 12p/KW)	78.29	117.43	156.57	195.72	293.57	391.43	489.29	587.15
TOTAL FIT benefit/year	662.82	994.23	1,325.64	1,657.06	2,216.47	2,955.30	3,694.12	3,953.45
Annual CO2 saving (g)	701kg pa	1,051 kg pa	1,401 kg pa	1,752 kg pa	2,627 kg pa	3,503 kg pa	4,379 kg pa	5,255 kg pa
Total system installed cost (excluding VAT) (£)	5,187.97	7,610.45	10,032.93	12,059.84	17,918.26	23,776.68	27,904.45	34,603.47
TOTAL income/saving over 25 years (£)	16,570.55	24,855.83	33,141.11	41,426.38	55,411.87	73,882.49	92,353.11	98,836.18

Note this guide is for illustrative purposes only. The kit size will be determined by the available space, and system requirements with regards to the property.

The yield figures are based upon Government estimates (SAP) for a assumed south facing 30 deg roof with less than 3% shading on panels, The yield can vary from year to year due to varying weather conditions and for this reason cannot be guaranteed.

Guide Price excludes delivery, scaffolding, and power supply upgrade costs. Quotes are subject to a final survey, and a MCS approved installer must be used.

Customer income assumptions assume that 50% of electricity generated will be used on site, and Power bill saving are based on an electricity rate of 12p per unit.

Systems over 4kw are subject to DNO approval via a G59 application and Planning approvals.

Planning permission is generally not required for domestic properties.

For larger systems or applications that are not satisfied by the above please do not hesitate to contact us for advice or to take advantage of our custom design service.