

Grid Connect System Sizes

System Size	Roof Area	Solar Panels	Approx Solar Generation* (kWh)	
			Daily	Yearly
1KW	8m ²	6 x 175W	4.75	1,735
1.5KW	12m ²	9 x 175W	7	2,580
2.1KW	16m ²	12 x 175W	9.45	3,450
2.6KW	20m ²	15 x 175W	11.80	4,300
3.1KW	24m ²	18 x 175W	14.20	5,180

Solar & Electrical Solutions use solar panels that are all high efficiency, mono crystalline modules from leading industry manufacturers including Conergy, Suntech and Sharp.

Inverters are made by Fronius and SMA. High efficiency, German made with 5 year warranty.

** Energy generation is based on solar modules facing north at 30 degrees tilt with 4.5 peak sun hours per day.*



Grid Connect Solar

Grid connect solar systems provide power for a home that is already connected to the mains supply.

How it works

1. Sunlight hits the solar modules, generating DC electricity.
2. The DC electricity is fed into an inverter which converts it to mains supply electricity.
3. The 240V supply generated is fed into your electrical appliances.
4. Any surplus electricity is fed back into the grid.