

Solar PV

The smart way to improve your property's Building Energy Rating (BER)

Cool Power's high-efficiency grid-connected solar PV flat packs provide an extremely simple and economical way to improve your property's Building Energy Rating (BER)

A Building Energy Rating (BER) is similar to the energy label on your fridge with a scale of A-G. A-rated homes are the most energy efficient and G the least efficient. A certificate stating the property's Building Energy Rating must be provided to prospective buyers or tenants when a home is constructed, sold, or rented under the following circumstances:

- New homes where planning permission was applied for on or after 1st January 2007
- All homes for sale or rent on or after 1st January 2009

In effect, BER certificates will be compulsory for almost all new homes by mid-2008.

Approximately 2.7 kWh of primary energy is required to generate and deliver 1 kWh of conventional electrical to your property.

Every 1 kWp of high-efficiency properly orientated solar PV generates and delivers approximately 1000 kWh of renewable electricity per year, thereby reducing the primary energy requirement of your property by approximately 2700 kWh per year.

By doing so, solar PV improves your property's BER, so will increase your home's sale-ability and value.

For example:

- A 60m² dwelling with no renewable energy source that consumes 102 kWh of primary energy per m² of floor area per year will get a BER of B2. Adding a 1 kWp solar PV system will automatically improve the BER to A3.
- For any 60m² dwelling, adding a 1kWp solar PV system will improve a rating of C1 to B2; B3 to B1; B2 to A3; B1 to A2 and A3 to A1.

In other words, Solar PV is the easiest way to improve your property's Building Energy Rating (BER), value and sale-ability.

Make your life easy - contact Cool Power on 01 4847209 to order your solar PV flat pack today



Did you know? Cool Power's solar PV flat packs are also a simple and economical way to meet the renewable requirements for new houses and apartments, as set out in Part L 'Conservation of Fuel and Energy' of the Building Regulations 2007. Contact us to find out more.

About Solar PV

- Solar PV is the most economic, simple and clean renewable energy technology available that can be easily installed into both new builds and existing buildings. For this reason, it is increasingly being used to meet the electricity needs of businesses and individuals in Ireland.
- Simple to install, clean, highly effective, maintenance free and with a 20+ year lifespan, solar PV systems are an easy way to improve your property's Building Energy Rating (BER), meet Irish Building Regulations Part L and to generate zero-emissions electricity for your home or business. Solar PV can save an estimated 30% to 40% of an average home's electricity costs every year.

About Cool Power's solar PV flat packs

- Cool Power's solar PV systems come in a convenient ready-to-install flat pack that contains everything you need – parts, instructions, warranty and telephone support. We offer a complete delivery and installation service, using our countrywide network of approved and experienced installers.
- If you would prefer your own builder or electrical contractor to install your solar PV flat pack for you, we can be on hand to advise and instruct them. Installation is straightforward and causes no mess or disruption.

About Cool Power

Cool Power has vast experience in residential and commercial solar PV installations in Ireland. We provide ready-to-install solar PV flat packs, custom roof or ground-mounted systems and a choice of either fixed arrays or tracking arrays (that generate up to 30% more energy).

We are the exclusive provider of EMMA – our patented Energy and Micro-generator Manager – which manages micro-generator output for even more energy, cost and emissions savings.

Our energy management products and solar PV systems use the highest quality components available worldwide, are competitively priced, virtually maintenance free and come with long term performance guarantees.

To help you leverage solar PV, we provide an end-to-end solution – from advice, to design, installation and ongoing support.

So why wait? Take the first step today and discover the amazing world of solar PV. Email us at sales@coolpower.ie


coolpower Products
smart sustainable energy

Tel: +353 1 484 7209
Email: info@coolpower.ie

www.coolpower.ie