

ENGENIUS Limited

SOLAR POWER (PV)

Free electricity from the sun! How do you catch it?

Solar power does not need strong sunlight. Even on dull days useful energy is collected by photovoltaic panels.

Typical **domestic** systems are rated 1-4kW and require 7-30 sq m. Systems for **Commercial** and **Not-for-Profit** users are limited only by budget and available space.

You can expect to capture about 850 units (kWh) a year for each 1kW of installed capacity. Household consumption is around 4,000 units a year but varies with pattern of use.

Our Solar and Wind systems qualify for Feed-in Tariff under the Microgeneration Certification Scheme.

Budget around £5,000 per kW of capacity all-inclusive.

Within the 25 years' warranted lifetime of the equipment you can expect the value of the energy you capture to rise at least **30-fold** in real terms – that's £3 per unit!

You will need:

- a south-facing roof pitch or any horizontal surface, substantially free from shadow all year round
- solar panels (many sizes available)

and either:

- an approved inverter for grid connection, or
- a charge controller and battery

but probably NOT Planning Permission!



For more information, visit us at www.engenius.co.uk or contact us at:

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