



Capable of Powering  
1 x 100Watt  
Or 10 x10watt



Solar power flood light kit

250WP Solar power ad light system (that is every day consumption of 1 kWh of

Specification and our Solution:

Power requirements: daily electricity load <1000WP;  
Design reference for the daily solar radiation: 6KWh/m<sup>2</sup>;  
Configuration and quotation as follows:

- 1: solar battery components: 250Wp;
- 2: solar panel bracket: 4  $\times$  4CM galvanized angle;
- 3: Battery: 12V 100AH solar energy battery 2;
- 4: Controller: 24V 15A 1;
- 5: battery rack: steel galvanized spray;
- 6: light source: LED floodlight, power 24V 100W;
- 7: rainy days: the load of work 8-12 hours a day, 2 consecutive rainy days;
- 8; Cable: 4mm<sup>2</sup>  $\times$  1 solar dedicated cable;



## Getting the best out of your solar products

With the right product and a little planning, solar can and does work year round in the UK. Naturally what you can expect in terms of performance in the winter, is not going to be what you might get at the height of summer but it can still do a solid job for you.

A poorly positioned panel is often the crucial difference between satisfaction and disappointment when it comes to the performance of your product.

Put simply: The fewer obstructions between the sun and your solar panel the better your unit will perform.

### Your solar panel should be:



South facing or as near as possible



Outside of any glass windows and wiped clean from time to time

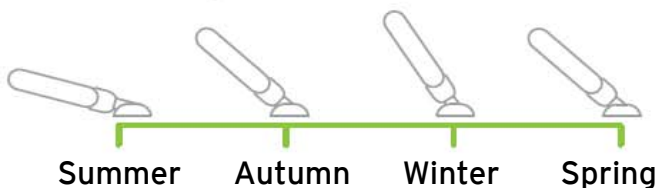


Free from any shadows; particularly important between 10am - 2pm

Correctly angled toward the sun for the time of year



South →



For any further advice please contact us