



**Solar Outdoor Sign Lighting Kit**

**Description**The Solar Outdoor Sign Lighting Kit uses a high performance solar panel to generate energy during daylight hours which provides power to a sealed solar battery protected in a wall mounted water resistant battery box. From the battery box a cable leads to the 500mm LED strip (containing 30 high power, white LEDs), which can be mounted above, underneath or on the side of a sign using the supplied cowling. This light is bright enough to illuminate any sign up to 600mm wide x 1000mm deep and can operate for up to 8 hours per day, even in the British winter.

The light operating time is controlled by a digital timer housed in the battery box, so the user determines when the light begins and ceases.

This simple but effective system comes ready to operate "out of the box", supplied with a wall / pole mount bracket system to ensure secure fitment of the solar panel (note a pole is not included in the kit but any standard 48 - 60mm diameter scaffold pole is acceptable). The LED strip is also supplied with simple nylon mounts and the all weather battery box is supplied with wall a mounting bracket.

All cabling, connections, fuses and instruction manual are supplied.

### Technical Details

- 1 x STP028 - 28wp solar panel
- 1 x FKA10 - Solar Panel Pole / Wall Mount System
- 1 x BB0002 - All Weather Battery Box with Wall Mount Bracket
- 1 x 12Ah Sealed Solar Battery
- 1 x STS01204 - 4Ah Charge Controller
- 1 x 60007 - Digital, 12v timer
- 1 x LED500 - 500mm LED Strip
- 1 x LED Strip Cowling
- 1 x 5m solar pv cable 1 x Ring terminal / fuses pack 1 x Fitting and operating instructions

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## 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

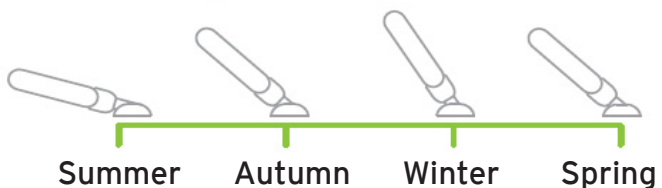


Free from any shadows; particularly important between 10am - 2pm

Correctly angled toward the sun for the time of year



South →



For any further advice please contact us