

### 100W Solar Home Power Station

Product No:ED67-HPS-100W

Product Model:ED67-HPS-20-100W

Specification Solar Module ED67-100W-6P36

Battery Capacity 12V120Ah

Intelligent Controller 10A/12V

Output Power 240W (AC)

Inverter 24Vdc/300W/220Vac

Lamp-Source 0.35KWH/day, varied in different seasons and areas.

#### Description

This DIY solar panel kit is the starting point for achieving power self sufficiency in a home, business, holiday cottage or anywhere that may be subject to power cuts and to insulate the user from future energy price increases.

The kit contains all the necessary parts to be producing your own power within a few hours from new. The solar panel must be located outside and is supplied with a robust aluminium stand that allows firm location either in the garden or on a flat roof (the stand supports the solar panel at the optimum angle of 70 degree's). The supplied cable then runs from the solar panel and connects directly into the waterproof battery box, which contains a high performance 85Ah battery and a charge controller.

The battery output cable then needs to enter the building and is then connected to the supplied power inverter. The inverter has a UK 3-pin socket on the other where a multi gang extension cable (not supplied) can be attached to run your electrical appliances. The kit will power most household electrical devices such as the following: CD player, TV, video, DVD, satellite box, gaming stations, lap top computer, desk top computer, printer, fax, mobile phone charger, desk lamp, table lamp, toaster, coffee maker, food mixer, power tool charger, pond pump/fountain, electric lawnmower, garden lights etc etc.

Portable solar power system Available from 20w - 100w

## 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

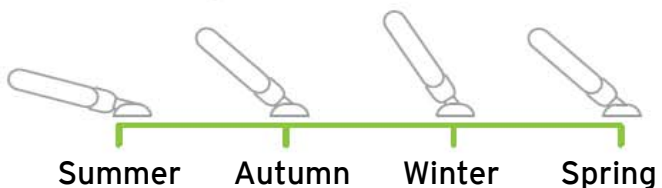


Free from any shadows; particularly important between 10am - 2pm

Correctly angled toward the sun for the time of year



South →



For any further advice please contact us

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