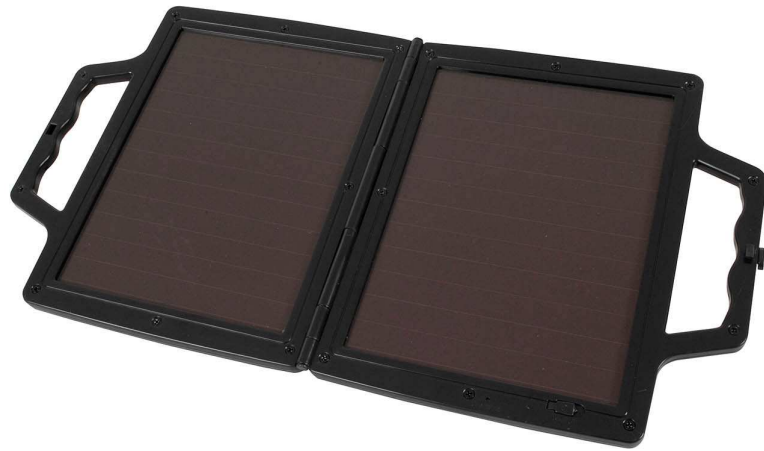


POWERTECH



Briefcase Amorphous Solar Charger

12V / 4W

Contents

4W 12V Briefcase Amorphous Solar Charger

1.2M cable with 12V plug

1.2M cable with alligator clips



How does it work:

When exposed to daylight the solar cell instantly begins to generate a voltage. The fold up solar panel will work in all daylight conditions and is fully weather resistant.

Positioning:

This will be determined by the cable length from panel to battery. But wherever possible place the panel ideally at 35 to 65 degrees, facing south. The fold up solar panel will still work if positioned behind glass or Perspex and even if facing north, although in such circumstances the power delivery will be reduced.

Protection against battery drain:

The fold up solar panel has a built in blocking diode fitted which prevents battery drain during night time. Therefore, the panel can be left attached long term.

NOTE-there is no fuse connected to this system ,therefore care must be taken not to pinch, cut or damage the supplied cables ,as a short circuit may occur.

Performance:

The fold up solar panel will deliver current to a 12V battery. It is rated at 4W,which means in ideal conditions, the panel will generate 4 watts of power per hour. This is a perfect amount of power to prevent a large battery going flat, even in winter.

Connection:

Decide whether the connection to the battery will be by an in-car, 12V socket using the cable and plug (A) supplied, or direct to a battery's terminals using the supplied cable and alligator clips(B).Then connect the selected cable to the battery.

Open the panel by gently pulling back on the button on the top of the carry handle. This will release the catch holding the two halves together. Open the panel and pull out both support legs at the rear of each panel. Position the panel in the optimum position. In the lower right corner of the fold up solar panel, you will see the word output. Remove the rubber protection cap (C) to expose the socket. Now take the pin end of the selected cable that is connected to the battery and carefully insert into the output socket.

Note – Although the voltage is relatively low, it is still recommended that the plastic insulation around the pin is handled, rather than the metal pin itself.

If the pin has been inserted to the panel correctly and if the other end has been connected to a battery that can receive power, then the charging indicator (D) will glow green. This confirms that the fold up solar panel is delivering power to the battery.

Warning

1. Keep the fold up solar panel away from fire to ensure damage and injury do not occur.
2. Any severe shock or impact may result in damage and will void the warranty.
3. Do not dismantle the fold up solar panel, in doing so will void the warranty.