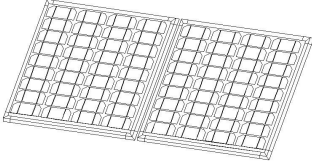




# Manual for 80W solar battery folding charger kit

Please ensure that you have read the product manual and instructions in full prior to use. Failure to do so may result in incorrect operation and therefore impact on the products performance.

## Part list:

Serial No.	Description of parts	Quantity
1	Mono-crystalline solar panel. Folding type with angle adjustable support. With built in 7A12V Charger Regulator. 	1 SET
2	5M length battery clamps connecting wire. 	1 PC
3	Fabric carrying bag. 	1 PC

## INSTALLATION GUIDE:

### Step 1:

Locate a clear sunlit area free from overhanging branches or heavy shade.

### Step 2:

Unfold the solar panels, adjust the two supports to the suitable angle.

### Step 3:

Always face the front side of solar panels toward the sun.

### ▲ Note:

To ensure maximum possible output, it is recommended that the Solar Panels are regularly moved to follow the sun's movement throughout the day.

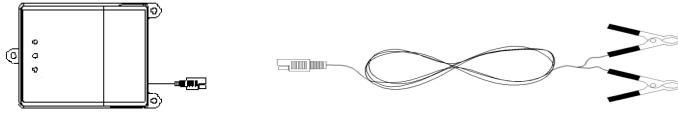
### Step 4:

Fully extend the battery connecting wire to charge regulator.

Ensure that battery clamps do not come in contact with one another.

Connect battery clamps to the + Positive (Red) & - Negative (Black) battery terminals.

Ensure that the connection is secure.



### **OPERATION:**

- Yellow light on the charge regulator indicates that the battery is being charged.
- Green light on the charge regulator indicates that the battery has reached full charge.
- Red light on the charge regulator indicates that the battery needs to be charged.

### **▲ Note:**

It is normal for both Green and Yellow indicator lights to flicker on & off during operation. This is due to the fluctuations in output from the Solar Panels due to the conditions.

The Charge regulator can support up to a maximum output of 7amps.

### **FREQUENTLY ASKED QUESTIONS**

Q. What type of batteries can be used with the charger kit?

A. Any 12V DC battery that is used for cars, boats, motor cycles, Deep Cycle, etc.

Q. When will the Green indicating light illuminate?

A. Only when the solar panels are generating sufficient power to fully charge the battery.

Q. Will the solar panels over charge my battery?

A. No. The charge regulator ensures that a steady charge is supplied to the battery without over charging.

Q. Can I extend/lengthen the battery lead wire?

A. If the lead is extended, this can result in a loss of voltage causing insufficient power being transferred from the Solar Panels to the battery. Product modifications may also void your warranty.

Q. How do I clean the solar panels?

A. Dust & dirt should first be swept off the panel surface using a soft brush, then using a wet cloth to wipe the panel surface to remove remaining dirt & grime. It is recommended that any bird droppings be removed as soon as possible to avoid surface damage.

Q. Is the solar panel kit water proof?

A. It is recommended that the kit is not exposed to excessive water as the charge regulator is NOT water proof.