Solar Battery Charger Kit

Instruction Manual

Solar Battery Charger kit is a totally portable solar power supply with integral power storage. Thanks to it's integral rechargeable battery pack you can use this product whenever you want, which makes it a perfect travel kit. Please ensure that you fully read the instructions before using the product., and retain them for future reference.

CONTENS

- mono-crystalline solar cell for charging 12V batteries
- Battery pack
- Cigarette lighter socket

1. CHARGING YOUR BATTERY

Before first use you will need to remove the plastic isolation tab from the battery compartment. Unzip the side pocket to reveal the battery pack, unclip the battery cover, remove the small plastic isolation tab, replace the cover and return the battery pack to the side pocket, ensure all connections to the battery pack are secure.

To begin charging, simply unzip and open the charger to reveal the solar panels and place it in the sun. It will immediately begin producing electrical energy, which will be stored within the rechargeable battery pack, for use when you need it.

Although the solar panels can also produce electricity simply from natural daylight, they will work most efficiently in direct sunlight, so place the charger where it can receive maximum direct sunlight. It is recommended to tilt this Solar Battery Charger Kit same as your local latitude in order to maximize your solar output.

2 USING YOUR CHARGER KIT

The power output from this Solar Battery Charger Kit is via the cigarette lighter socket fixed to the outside of the product, next to the battery pack. To power a device from this product, you therefore simply need suitable power lead with a cigarette lighter attachment. Just plug the lead into this product, ensuring that the plug pushes all the way into the socket, then attach the other end to your electrical device. Power will now be supplied to your device from the built-in batteries.

It is entirely possible to leave this product charging at the same time as it is powering or charging your electrical device. This will in no way damage the product, however this will mean that it takes longer to recharge your battery pack. If the batteries are flat, it is necessary to allow some charge to build up in the batteries before it can begin powering your device.

3. USING THE BATTERY SEPARATELY

If your device use standard 'AA'(LR6) size batteries you can simply remove the rechargeable batteries from the battery compartment and insert them directly into the battery compartment of the device.

Note: We recommend that all 10 batteries be fully discharged before recharging them.
Some products may be designed to only work with primary batteries, these have a higher voltage than rechargeable ones.

4. CHANGING THE BATTERIES

As with all rechargeable batteries, after some time the rechargeable batteries in this product will lose efficiency, no longer having the ability to store as much power as they used to. When this happens, you will need to replace the batteries.

To change the batteries, firstly unzip the battery pouch on the side of the charger, and pull the battery pack out of the pouch, if necessary disconnect the wires. Open the battery pack by sliding the cover back to reveal the 10 AA(LR6) batteries inside. Replace all 10 batteries at the same time, insert the battery pack back into the pouch and re-connect wires if required.

Important: Ensure that the batteries are recycled or disposed of in accordance with local authority regulations. Do not dispose of batteries in fire.

5. TROUBLE SHOOTING

If your Solar Battery Charger Kit fails to charge or power your electrical device, this is probably because the battery pack has no power. Recharge the battery pack as detailed in the section "Charging the battery": If this does not help, ensure that all the connections to the battery pack are secured fastened.

Ensure that the solar panels are clean and have not been damaged. If you find that your Solar Battery Charger Kit is no holding charge, this probably means the batteries need replacing. The performance of the rechargeable battery pack will start to reduce after it has been recharged approximately 500 times, although other factors including temperature and battery age can affect this. In this case, change the batteries as described above.