



STC-15 / STC-24 / STC-48 Trickle Charge Solar Battery Charger

HOW DOES THE SOLAR PANEL WORK

This Trickle Charge Solar Battery Charger converts light energy from the sun into 12V DC electricity which is then transported to the rechargeable batteries through lead wire and connector of choice.

The THIN FILM technology this panel use allow them to absorb a wider spectrum of the natural light, and therefore can work under cloudy winter conditions, and this technology also enable the solar panel to handle the intense heat of the summer sun, its power loss due to the rising temperature is obviously less when compare to other type of solar panel.

Its double glass structure enables the solar panel to withstand hails of 25mm in diameter, striking the panel surface at the speed of 23 meter per second.

WHAT IS IT FOR?

This product is designed to charge or maintain 12V battery in motorcycles, motorhomes, cars, caravans, and boats.

USAGE INSTRUCTIONS

- When operates, face the front (black) side of the solar panel to the sun, and make sure there is no shadow cast on the solar panel. You are best to place the long side of the solar panel at at South to North direction.
- Tilt the solar panel at a suitable angle. The right angle should be same as your local latitude.
- If permanent installation is required, use the four stainless steel mounting screws included. To increase heat dissipation, a heat resistant spacer should be used between the panel and the surface.
- This Trickle Charge Solar Battery Charger comes with two different connectors listed as below. Choose the right connector according to your application. When using battery clamp, Please make sure you connect to the correct battery terminals. **Please note that the black lead indicates negative (-) and the red lead indicates positive (+).** When using cigarette lighter plug, push the plug into the female cigarette socket, and make sure that both ends are secure and aligned correctly.

PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE OPERATING THIS BATTERY CHARGER.

CAUTION:

- Disconnect the Trickle Charge Solar Battery Charger from your vehicle before you start the engine. Make sure that the Trickle Charge Solar Battery Charger is not in use while your vehicle is running or you are driving.
- This Trickle Charge Solar Battery Charger is weather resistance.
- The Trickle Charge Solar Battery Charger uses glass substrate. Please handle with care.
- Always keep the glass surface clean with a soft cloth in order to ensure its maximum output.
- Avoid contact with acid and alkali.

Model	Pwr	Vmp	Imp	Voc	Isc	LxWxH(mm)
STC-15	1.5W	17.5V	85.7MA	21V	107MA	350x125x15
STC-24	2.4W	17.5V	137MA	21V	171MA	375x210x15
STC-48	4.8W	17.5V	274MA	21V	342MA	440x345x15

