

12V 2.4W Solar Trickle Battery Charger

DESCRIPTION OF GOODS	QUANTITY
4.8W solar panel with 10ft lead wire	1
Cigarette lighter plug connection	1
crocodile clip connection	1
Stainless steel screws	4

SPECIFICATION

Peak power output	2.4 Watt
Optimum working voltage	17.50 V
Tested under standard condition	AM1.5, 100m W/c m ³ , 25°C
Optimum working current	260 mA

HOW DOES THE SOLAR PANEL WORK

This Solar Trickle 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 structure enables the solar panel to withstand hails of 25mm in diameter, striking the panel surface at the speed of 23 meter per second.

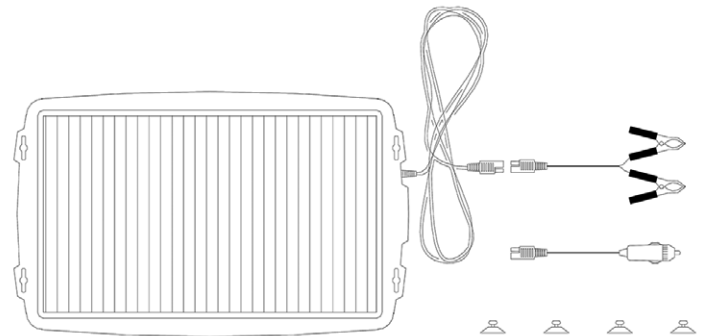
WHAT IS IT FOR?

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.
- Tilt the solar panel at a suitable angle. The right angle should be same as your local latitude.

- The blue LED on the plastic frame will blink whenever the solar panel is generating electricity
- 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 Solar Trickle 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 Solar Auto Charger from your vehicle before you start the engine. Make sure that the Solar Trickle Battery Charger is not in use while your vehicle is running or you are driving. Do not use the solar charger outdoors in rain/wet weather. This Solar Trickle Battery Charger is weatherproof. The Solar Trickle 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.

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