

# Solar Car Battery Charger™



User's Manual

# Solar Car Battery Charger™ by Wagan Tech®

Thank you for purchasing Wagan's Solar Power Battery Charger™. This product will provide years of reliable service with normal care and proper treatment. Please read all operating instructions carefully before use.

If you do not regularly use your car, the battery slowly discharges over time to the point where the engine will no longer start. To prevent this situation, simply plug in the Solar Battery Charger to your 12V DC cigarette lighter socket and leave the solar panel on the dashboard or where it can absorb direct sunlight. The solar cells will automatically charge your battery even on cloudy and overcast days.

The solar panel is made of high-efficiency mono-crystalline cells embedded in transparent vinyl acetate behind tempered glass. This unit is weather, scratch, and UV resistant.

With the Solar Powered Battery Charger, not only are you keeping your battery running efficiently, but you can do so with clean energy directly from the sun.



## SPECIFICATIONS

Name	Description
Photocell Power	1.8W
Peak Voltage	15V
Peak Current	>100mA
Open Circuit Voltage	22.5V
Short Circuit Current	>130mA
Material of Solar Cell	Amorphous thin film solar cells
Solar Panel type	Mono-Crystalline
Encapsulate Method	ABS mounted
Fuse	1A, 250V
Dimensions	14.5 in. x 6.5 in. x 1.0 in.
Cord Length	10.5 ft
Weight	1.5 lbs

## WARNING!

- Do not drop or abuse the battery charger. Doing so may damage the solar panels or casing.
- Absolutely do not throw this product into the fire. Doing so may cause an explosion
- Dirty solar panel will negatively affect the optimal operation. Clean the solar panel by wiping with a soft cloth and light glass cleaner. Do not apply any corrosive liquids which may damage this product.

## OPERATION

1. After removing the unit from the package, plug the automobile power cable directly to the 12V cigarette outlet in your vehicle, boat, or truck.
2. Position the solar panel in a safe and secure location where optimal sunlight is available.
3. LED light will blink as when the charger is converting daylight into electricity.

## TROUBLESHOOTING

LED indicator light does not illuminate:

- Ensure the solar panel cable is securely plugged into the 12V socket in your vehicle.
- Some vehicles 12V socket will only turn on when the car is in the accessory position. Please read your vehicle's owners manual to see if your vehicle falls under this category.
- The sunlight may be too weak. Ensure the solar panel is positioned for maximum light exposure.



## Limited Warranty

The WAGAN Corp. warranty is limited to products sold only in the United States.

All Wagan Tech products must be registered within (30) days of purchase to activate its warranty. To register your product, please visit <http://tinyurl.com/waganwarranty>. Be sure to keep the original receipt as it will be required when returning a product under the warranty.

**Warranty Duration:** This product is warranted to the original purchaser for a period of one (1) year from the original purchase date, to be free of defects in material and workmanship. WAGAN Corporation disclaims any liability for consequential damages. In no event will WAGAN Corporation be responsible for any amount of damages beyond the amount paid for the product at retail.

**Warranty Performance:** During the above one (1) year warranty period, a product with a defect will be replaced with a comparable model when the product is returned to WAGAN Corporation with an original store receipt. The replacement product will be in warranty for the balance of the original one (1) year warranty period.

To return a defective item, please contact WAGAN Corporation at (800) 231-5806 to obtain a Returned Merchandise Authorization number (RMA#), and return instructions. Each item returned will require a separate RMA#. After you have received the RMA# and the return instructions from WAGAN Corporation, please follow the instructions and send the item with PREPAID SHIPPING, along with all of the required documentation, a complete explanation of the problem, your name, address and daytime phone number. WAGAN Corporation will, at its option, replace or repair the defective part.

A Returned Merchandise Authorization number (RMA#) is REQUIRED when sending in any defective item. WAGAN Corporation is not responsible for any item(s) returned without an official Returned Merchandise Authorization number. The item(s) must be returned with prepaid shipping. WAGAN Corporation is not responsible for any shipping charges incurred in returning the item(s) back to the company for repair or replacement. This warranty is void if the product has been damaged by accident, in shipment, unreasonable use, misuse, neglect, improper service, commercial use, repairs by unauthorized personnel or other causes not arising out of defects in materials or workmanship. This warranty does not extend to any units which have been used in violation of written instructions furnished.

**Warranty Disclaimers:** This warranty is in lieu of all warranties expressed or implied and no representative or person is authorized to assume any other liability in connection with the sale of our products. There shall be no claims for defects or failure of performance or product failure under any theory of tort, contract or commercial law including, but not limited to negligence, gross negligence, strict liability, breach of warranty and breach of contract.

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