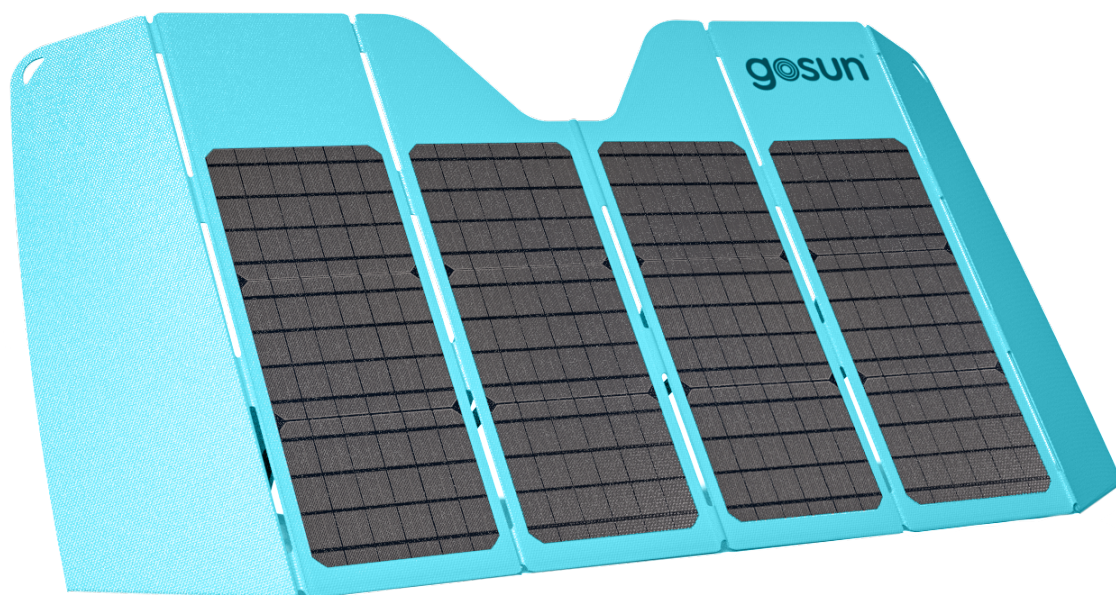


Foldable 60W Solar Panel  
and Car Shield



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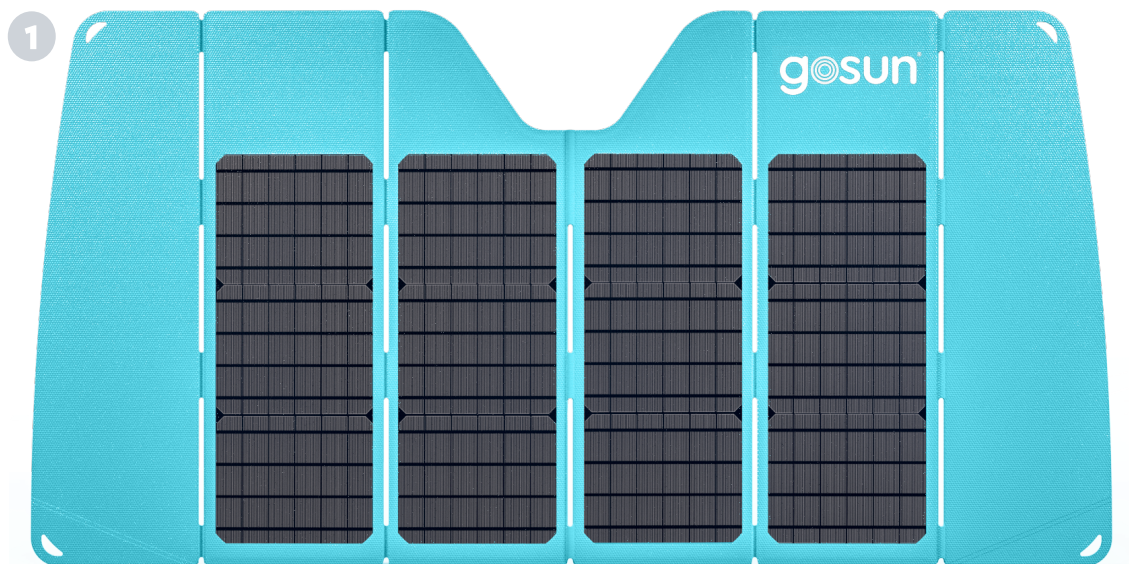
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# Parts List



**Before using, carefully read and follow the instructions**

Misuse may cause the solar charger to generate excessive heat, rupture, smoke, catch fire, or otherwise cause a dangerous situation.



2



3



1

Shield

2

5.5\*2.1mm cable

3

5.5×2.1 to alligator clip connector

# Warnings



## **Before using, carefully read and follow the instructions**

Misuse may cause the solar charger to generate excessive heat, rupture, smoke, catch fire, or otherwise cause a dangerous situation.

- ① Do not place on sharp or blunt objects such as rocks or debris to avoid damaging and scratching the solar panel.
- ② Please remove the Shield from direct sunlight when not in use.
- ③ Do not connect a charging source to the Shield. The Shield has no integrated battery and cannot be charged. Attempting to force power into the Shield will damage the internal circuit board and may cause the Shield to ignite.
- ④ Do not put the product on or near any other source of heat.
- ⑤ When charging, do not block any part of the solar panel.
- ⑥ Do not disassemble the solar panel, there are no user serviceable components in the product.
- ⑦ Do not short-circuit the output of the solar panel
- ⑧ Do not submerge the product in water or any other liquid. The junction box is water-resistant, not waterproof. Prolonged exposure in significant amounts of water can damage the output circuit boards.

# Warnings – Charging Car Battery



**The provided alligator clips are designed as an alternative charging option for Sealed Lead Acid car batteries.**

They serve the purpose of jump-starting a vehicle's engine. It is not recommended to utilize them for fully charging a battery or for prolonged trickle charging. Please note that the Solar shield does not incorporate a charge controller or regulator necessary for extended charging.

Failure to adhere to these guidelines may lead to potential harm to both the Shield and the battery.

- ① Do not connect solar panel charger to Lithium or NIMH Batteries, Only suitable for sealed lead acid
- ② Do not connect solar panel charger to a battery that is charged- i.e. has enough charge to start car
- ③ Do not leave solar panel charger connected to battery for more than 6 hours
- ④ Connect Red positive wire to battery before connecting black ground wire
- ⑤ Ensure correct polarity at battery terminals- red to positive, black to negative

# Specifications

Model	GoSun Shield
Power	60W (12V DC nominal)
Ports	USB-A (2), USB-C (1), Coax 5521 DC (1)
Unfolded Size	56" x 27" (142cm x 68mm)
Folded Size	9.5" x 27" (24cm x 68mm)
Net Weight	9 lbs (4kg)
Cell Types	Monocrystalline Silicone
Surface	ETFE & Nylon Fabric

- ✔ ETFE solar collecting surface is water resistant and also dirt resistant. Easily clean the Solar Panel with just a damp cloth.
- ✔ ETFE surface is embossed to reduce reflected light and increase light capture by 5% compared to a smooth flat surface.
- ✔ Heat laminated fabric design allows the Shield to be folded into an easy to transport size.

# Setup – Inside Car

- ① Unfold the Shield, and choose a direction for the Shield: either facing the solar cells outwards or inwards.
- ② Ensure that the car visors are firmly hinged in an upward position. Insert the Shield, gently pushing the bottom edge close to the dashboard.
- ③ For securing the Shield, follow either of the two options:
- ④ Option 1: Tilt the car visors downward and check if they securely hold the Shield in place. If the visors effectively support the Shield, your task is complete.
- ⑤ Option 2: If the hinged visors cannot support the Shield's weight, employ the straps:
  - Loosen both straps completely and ensure the Shield is firmly pushed towards the bottom of the dashboard.
  - Tilt both visors downward. Select a visor and uncouple one end from its clip, allowing it to hang freely.
  - Slip the strap loop over the visor and re-attach the visor to its end clip. Repeat this process on the other side.
  - With both straps in position, gently pull the loose end of the strap to tighten the loop until the Shield is in the desired position.
  - Using the straps, you can choose to keep the visors hinged down or up, depending on what works best for your vehicle.
- ⑥ To begin charging, connect the coax cable to the junction box port located on the back of the Shield, and then plug the other end into your device or power bank.

# Setup – Outside of Windshield

- ① If possible, park your car such that the windshield is facing towards the sun.
- ② Unfold the Shield and carefully lay it on the windshield. Even in cloudy conditions, some power can still be generated. Orient the solar panel directly straight towards the sun for optimal results.
- ③ The included straps can be used to tie the shield down to windshield wiper arms, or other mounting points on your vehicle
- ④ To begin charging, connect the coax cable to the junction box port located on the back of the Shield, and then plug the other end into your device or power bank. If you wish to keep the power bank inside your vehicle when charging, the power cord can be run through the weatherstripping of the vehicle door.



# Setup – Outside of Car

- ① Unfold the Shield and position the solar cells to face the direction of the sun. Even in cloudy conditions, some power can still be generated. Orient the solar panel directly straight towards the sun for optimal results.
- ② Extend each leg on outwards until it firmly makes contact with the ground. Stand behind the Shield and pull the legs until they are fully extended off the back of the product.
- ③ Optionally, after setting up the main panel, consider folding the corners of the soft section underneath so that the side panels angle back for a streamlined look.
- ④ To begin charging, connect the coax cable to the junction box port located on the back of the Shield, and then plug the other end into your device or power bank.

# Maintenance

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- ① Always handle the Shield with two hands. The solar panels are flexible, but the solar cells are not. Do not bend the black solar cells, since this can crack the cells and reduce the product service life.
- ② Clean only with water and a cloth, a small amount of mild soap can be used if needed. Do not submerge or hose down with water or any other liquid.
- ③ When not in use, store in a cool, dry place. Do not stack items on top of the Solar10

# Warranty

## Scope of one-year limited warranty

GoSun provides a One-Year Limited Warranty against Manufacturing Defects. If a product contained a Manufacturing Defect when it was purchased from an Authorized Dealer, GoSun, at its sole discretion, will (i) repair, (ii) replace, or (iii) provide a Warranty Credit for the Product on the GoSun online store. The amount of the Warranty Credit shall be equal to the purchase price of the Product paid to the Authorized Dealer. GoSun reserves the right to inspect any Product subject to a warranty claim to determine, at its sole discretion, whether the claimed defect is a Manufacturing discretion, whether the claimed defect is a Manufacturing Defect or otherwise.



# Need help?

 +1 888.868.6154

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