SOLAR TENT

AUTOMATIC INFLATABLE SOLAR TENT

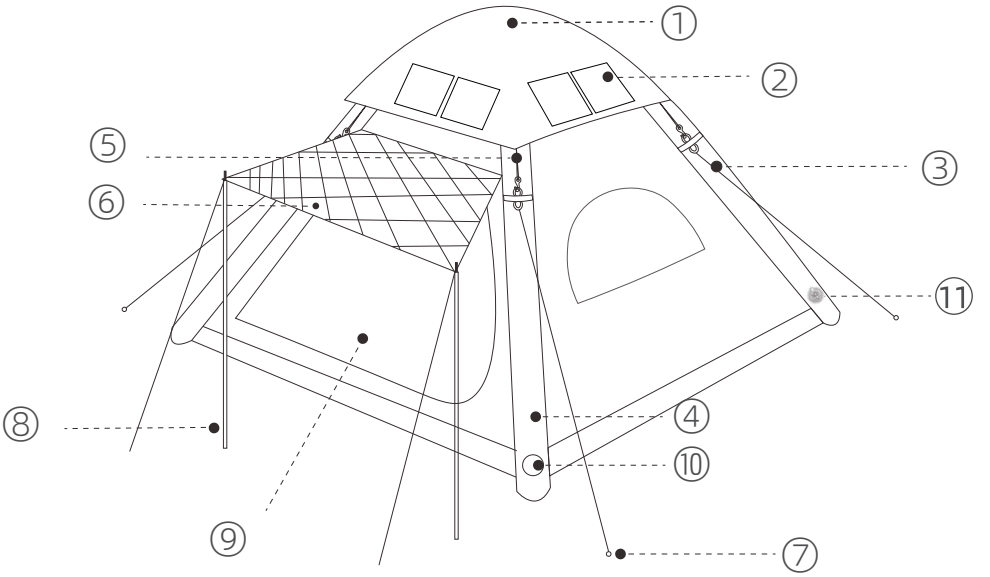


USER MANUAL

Thank you for purchasing the Solar Tent

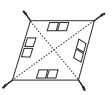
Please read the user manual before use and keep it

Product components



1. Tent roof
2. Solar panel
3. Wind rope
4. Air column
5. Wind rope hooks
6. Canopy/door curtains
7. Ground nail
8. Canopy struts
9. Mesh curtains
10. Electric air pump
11. Deflation valve

Packing list



Solar Tent roof



Storage bag



Battery



Door curtain support rods



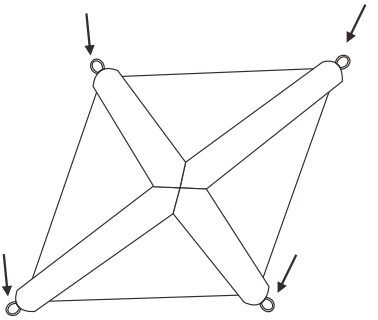
Ground nail



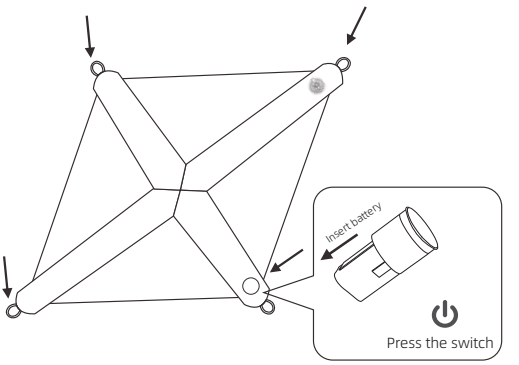
Wind rope

Inflation/Tent Pegs

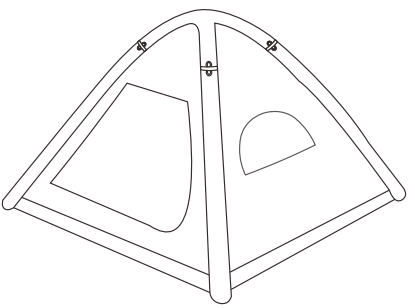
❶ Lay tent flat, straighten corners, stake down



❷ Install the battery and press the on button



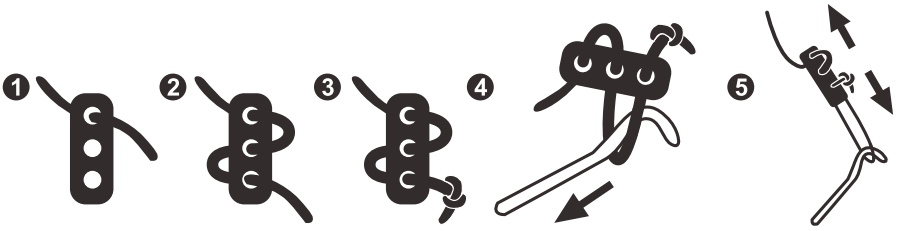
❸ Inflating complete



❹ Pull the wind rope, hit the ground nail

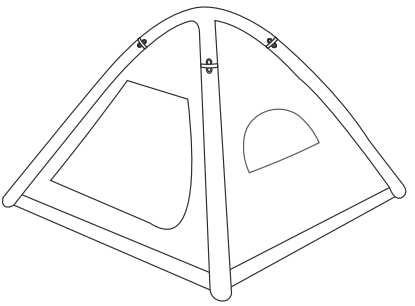


Adjust the length and tightness of the ground spike wind rope method

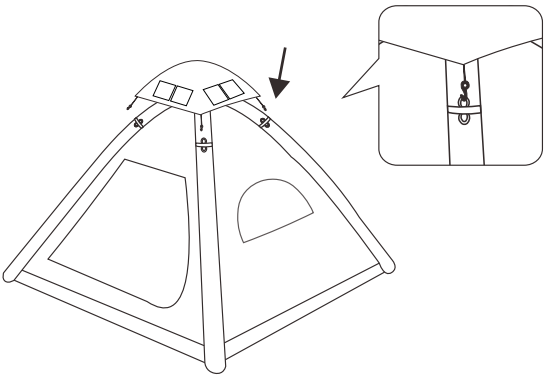


Install solar-power tent canopy

❺ Prepare the solar powered tent roof

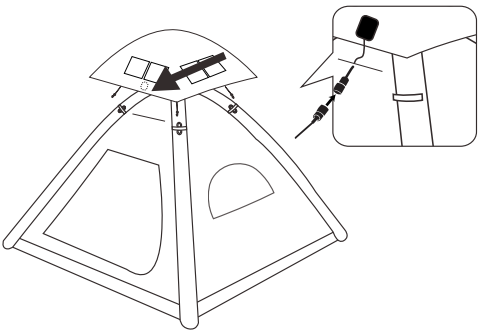


❻ Place the plastic hooks of the top tent into the bandages on the air columns

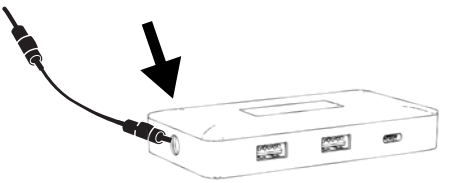


Wire connection

❼ Connect the lines under the roof tent



❽ Plug the connected cord into the box



USB-A ×2

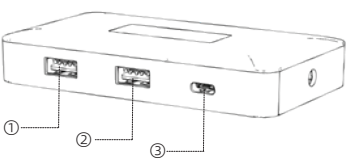
5V/3A 9V/2A 12V/1.5A 18W Max

USB-C

5V/3A 9V/2A 12V/1.5A 18W Max

DC5521

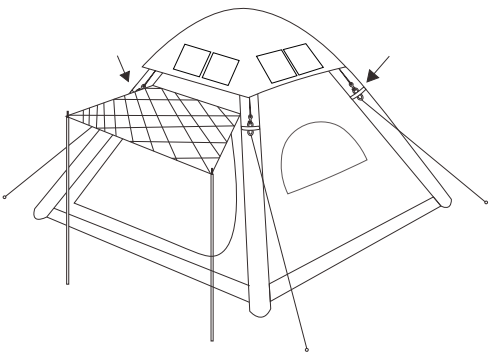
18V 50W Max



Junction box

Canopy installation

❾ Assemble the awning poles, attach one end to the door curtain, and fix the other end vertically to the ground to prop up the awning.



❿ Attach the guy rope to the pole and secure the other end at a 60° angle with a ground stake.

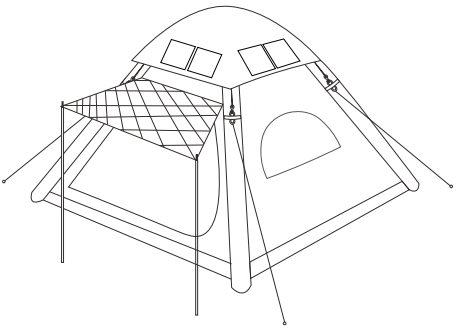


Automatic Inflation Instructions

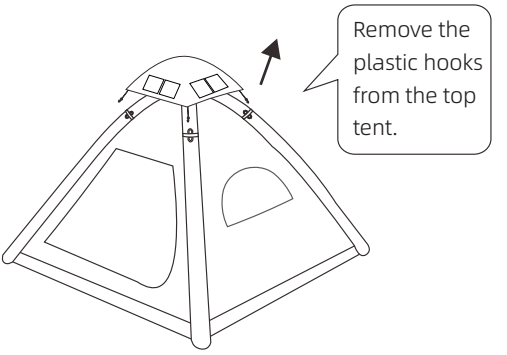
1. Unfold the tent and lay it flat on the ground, ensuring no obstructions.
2. Make sure to seal the valve properly.Turn on the pump to start the inflation process.
3. The built-in pressure monitoring system will stop the inflation automatically when fully pressurized.
4. After inflation, it will stop automatically.
5. To deflate, twist the air valve to pressure and pack the tent.

Tent Storage

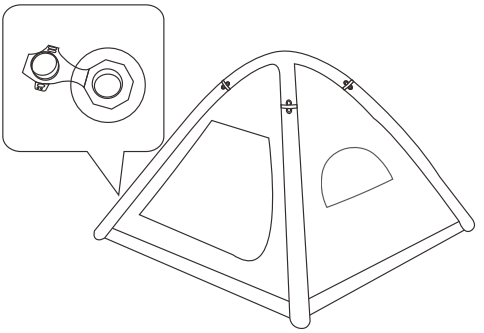
❶ Remove the spikes, wind ropesstanchions, roof tents, etc.



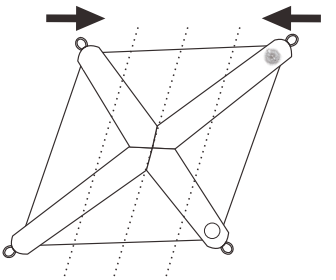
❷ hook. Remove the top tent.



❸ Unscrew the air column bleederport to bleed air.

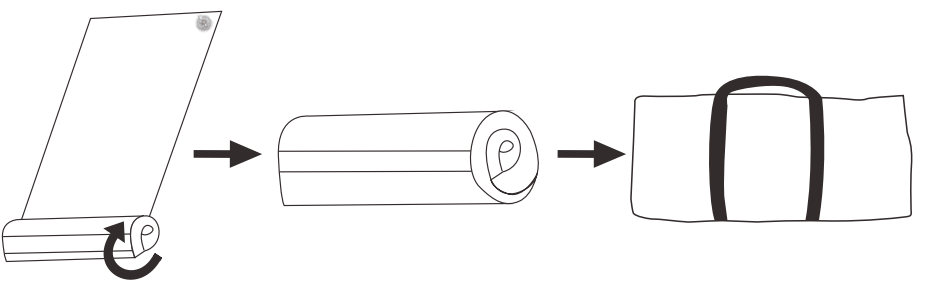


❹ After deflation, fold the tent into a rectangle following the dotted lines.

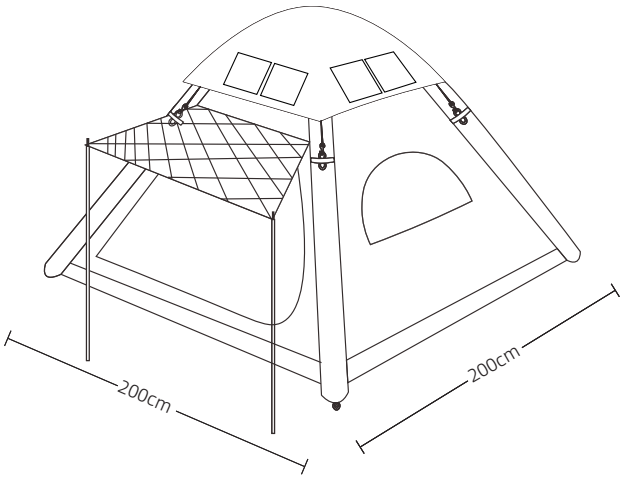


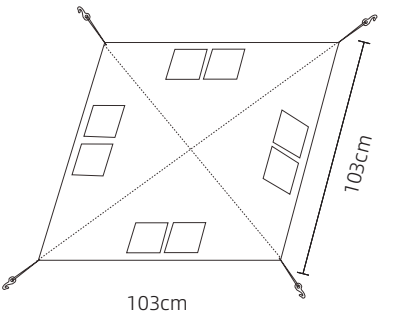
❺ Roll the tent up in the other direction of the tent

❻ Put it in the storage bag and it's done.



Product specification





Solar Tent Roof

unfolded dimensions	200X200X170CM
storage size	54X24X24CM
material	210T polyester
waterproofing index	PU2000MM
Tent size	2-3people
Pump pressure range	0-10PSI
lithium battery	14.8Wh
USB charging	5V/2A
Output air pressure	10PSI(MAX)
Working temperature	-10~45℃
Solar panel power	52W

Pump maximum: 10 PSI (not the tent inflation target).
Automatic stop: 5.8-6 PSI. Maximum safe tent pressure: 7 PSI.
Never inflate the tent to the pump maximum.

⚠ Warning

◊ 1. Ensure the tent is placed on a flat and debris-free surface to avoid damage to the base material.

◊ 2. Position the solar panel in direct sunlight for optimal charging efficiency. Avoid shading or blocking the panel.

◊ 3. Do not leave the tent unattended during inflation.

◊ 4. The automatic inflation system will stop once fully pressurized. Do not attempt manual adjustments unless necessary.

◊ 5. Ensure air valves are tightly sealed before inflation to prevent air leakage.

◊ 6. While the tent is weather-resistant, avoid exposure to extreme weather conditions such as heavy storms or high winds.

◊ 7. Before storing, ensure the tent is fully deflated, clean, and dry to prevent mold or damage.

◊ 8. Keep the tent away from sharp objects or rough surfaces that could puncture or tear the material.

◊ 9. Regularly inspect the air valves, solar panel, and fabric.

◊ 10. If the tent has a built-in rechargeable battery for inflation, avoid exposing it to high heat, water.

THANKYOU FOR CHOOSING US

Product Warranty Card

Customer's Name: _____ Email: _____

Purchase Date: _____ Repair Date: _____

Customer's Address: _____

Product Malfunction: _____

1.Please keep the warranty card properly as proof for maintenance.

2.The product is under free warranty for one year from the date of purchase.

3.During the warranty period, if the product fails under normal use and the malfunction verified by our company, free maintenance will be provided.

Free repairs will not be provided in the following cases

The company's products are subject to limited warranties within the warranty period. Equipment failures or damages in the following cases are not covered limited warranty, and the company will not be obligated to provide free repairs:

1.The equipment or components have exceeded the valid warranty period.

2.Equipment failures or damages caused by the customer's incorrect use, storage or handling that does not comply with the instructions in the manual.

3.Equipment malfunction or damages caused by disassembly by unauthorized organizations or personnel.

4.Equipment malfunction or damages caused by accidental factors or human factors(including but not limited to operational errors, scratches, handling, bumps, etc.)

5、Equipment failures or damages caused by force majeure such as natural disasters(e.g. earthquakes, ·res, etc.).