ECOFLOW Solar Tracker Portable Solar Panel User Manual

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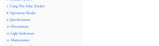
ECOFLOW Solar Tracker Portable Solar Panel



DISCLAIMER

Read all safety tips, warning messages, terms of use, and disclaimers carefully. Refer to the terms of use and disclaimer at https://ecoflow.com/pages/terms-of-use and reviews on the product before use. Users take full responsibility for all usage and operations. Familiarize yourself with the related regulations in your area. You are solely responsible for being aware of all relevant regulations and using EcoFlow products in a way that is compliant.

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Assembly Instructions

What's in the box

Installation

Solar Tracker Installation

ECOFLOW Solar Tracker Portable Solar Panel fig 1

Using foldable solar panels

*If you plan to use foldable solar panels, please continue with step 1 to 7 to finish the installation.

ECOFLOW Solar Tracker Portable Solar Panel fig 1

ECOFLOW Solar Tracker Portable Solar Panel fig 8

note: Long press the power button. The indicator light will turn on. The solar tracker will begin rotating according to the lighting conditions.

Using rigid solar panels

If you plan to use the rigid solar panels, please continue with step 8 to 11 to detach the folding bars and finish the installation.

ECOFLOW Solar Tracker Portable Solar Panel fig 8

ECOFLOW Solar Tracker Portable Solar Panel fig 10

ECOFLOW Solar Tracker Portable Solar Panel fig 11

note Long press the power button. The indicator light will turn on. The solar tracker will begin rotating according to the lighting conditions.

Disassembly

Please fold A1 LEFT and A2 RIGHT first, and then add A1 LEFT and A2 RIGHT.
Detach the control module from the base stand. Fold the legs of the base.

Transportation

Using The Solar Tracker

Positioning the Solar Tracker

The Solar Tracker can rotate 34° therefore it has a 4° blind spot. That means if you're in the northern hemisphere, you should position the front of the solar tracker to the east with a slight northern tilt. If you're in the southern hemisphere, you should position the front of the solar tracker to the east with a slight southern tilt.

note: Please place the compass flat when positioning the Solar Tracker or use the compass on your phone to guide the direction.

Turning on and off

Turn on the tracker by pressing the power button for 3 seconds. A long beep indicates that it is powered on.
Turn off the tracker by pressing the power button for 3 seconds. A long beep indicates that it is powered off. The stand will rotate back to its starting position, and then shut down automatically.

note: Please note that the Solar Tracker won't be powered off if the solar panel is still connected and getting solar power.

Emergency stop button
The emergency stop button is the red button located on the top of the control module. Pressing it will stop the motor immediately and you will hear the beep sound.

Operation Modes

Mode changes
ECOFLOW Solar Tracker Portable Solar Panel fig 16

Sound indicator

Power on: Beeps (increasing speed) for 10 seconds
Return to starting position: Beeps once per second
Sleeping mode: Quiet
Searching for light: Beeps once per second Standby: Quiet
Low light: Quiet
Strong light: Quiet
Manual: Beeps once per second
Shut down: Long beep, then beeps once per second Emergency stop: Beeps five times per second

Specifications

Specifications
ECOFLOW Solar Tracker Portable Solar Panel fig 19

*The built-in battery can be recharged from solar power. If the Solar Tracker is not in use for a long time, you can recharge the unit from the USB-C port (5 to 20V, 1A) port at the back of the Control Module.

Precautions

- Do not let the tracker become submerged.
- It is recommended that the tracker be stored when the wind force exceeds 8.
- Do not leave the tracker outside for wind forces over 8.
- Do not let children under 13 operate the tracker alone, and inform them about the emergency stop button.
- Do not place heavy objects other than solar panels on the tracker.
- Do not carry the tracker while it is in use.

Light Indicators

Power Status Indicator

Power on: Fast flashing (flash for 0.05 every 0.1s)
Working: Slow flashing (flash for 1s every 0.5s)
Sleep: Always on

NOTE
Please note that the Solar Tracker won't be powered off if the solar panel is still connected and getting solar power. The light indicator will keep short flashing (flash for 1s every 0.1s).

Battery Level Indicator
ECOFLOW Solar Tracker Portable Solar Panel fig 17

Maintenance

If the Solar Tracker has not been used for a long time, please recharge the battery to 30-50% every 3 months. You can check the battery level from the power status indicator or on the App.

Documents / Resources

	ECOFLOW Solar Tracker Portable Solar Panel [pdf] User Manual Solar Tracker, Portable Solar Panel, Solar Tracker Portable Solar Panel

References

- Terms of Use - EcoFlow US

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