

GOESWELL GOESWELL-SF12

GOESWELL Solar Powered Fan (Model GOESWELL-SF12) Instruction Manual

Brand: GOESWELL | Model: GOESWELL-SF12

1. IMPORTANT SAFETY INSTRUCTIONS

Please read and understand all safety instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always disconnect the fan from power sources (AC adapter or solar panel) before cleaning or performing any maintenance.
- Do not immerse the fan or solar panel in water or other liquids.
- Keep fingers, hair, and loose clothing away from the fan blades during operation.
- Do not insert any objects into the fan grille.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Use only the provided AC adapter and solar panel. Using unauthorized accessories may cause damage or injury.
- Ensure the solar panel is placed in a secure location where it will not be damaged or cause a tripping hazard.
- Do not attempt to disassemble, repair, or modify the fan or solar panel. Contact qualified service personnel for repairs.
- Avoid exposing the fan to extreme temperatures or direct sunlight for prolonged periods when not in use, as this may affect battery life.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x 12-inch Rechargeable Floor Fan
- 1 x 20W Polycrystalline Solar Panel
- 1 x Solar Panel Mounting Brackets
- 1 x 2A AC Adapter

- ## What's in the Package



The GOESWELL Solar Powered Fan is a versatile and portable cooling solution designed for both indoor and outdoor use. It features a hybrid power system, allowing operation and charging via solar energy or a standard AC outlet. Equipped with a 15,000mAh rechargeable lithium battery, 12-speed settings, a programmable timer, and a 360° tiltable head, this fan provides customizable airflow. Its durable metal blades ensure stable and quiet operation, while a built-in USB-A port allows it to function as a power bank for small devices.



Figure 3.1: Versatile Use Cases. The fan is shown providing cooling in various settings including camping, a garage, a greenhouse, and a bedroom.



Figure 3.2: Key Features. This image illustrates the fan's use by a pool, its ability to charge devices, and highlights its brushless motor, durable aluminum blades, and 12-speed settings.

Your browser does not support the video tag.

Video 3.1: Product Demonstration. This video provides a visual overview of the GOESWELL Solar Powered Fan, demonstrating its solar charging capability and portable design.

4. SETUP AND ASSEMBLY

Follow these steps to set up your GOESWELL Solar Powered Fan:

1. **Unpack Components:** Carefully remove all items from the packaging and ensure all parts listed in Section 2 are present.
2. **Position the Fan:** Place the fan on a stable, flat surface. The fan's stand allows for easy placement on floors, tables, or other elevated surfaces.
3. **Solar Panel Placement:** Position the 20W solar panel in an area that receives direct sunlight for most of the day. You can use the included mounting brackets and extension screws to secure the solar panel to a wall or other structure if desired. Ensure the solar panel is angled towards the sun for maximum efficiency.
4. **Connect Solar Panel:** Connect the cable from the solar panel to the designated solar input port on the fan unit.
5. **Optional AC Connection:** If using AC power, connect the provided 2A AC adapter to the fan's power input port and then plug it into a standard electrical outlet.

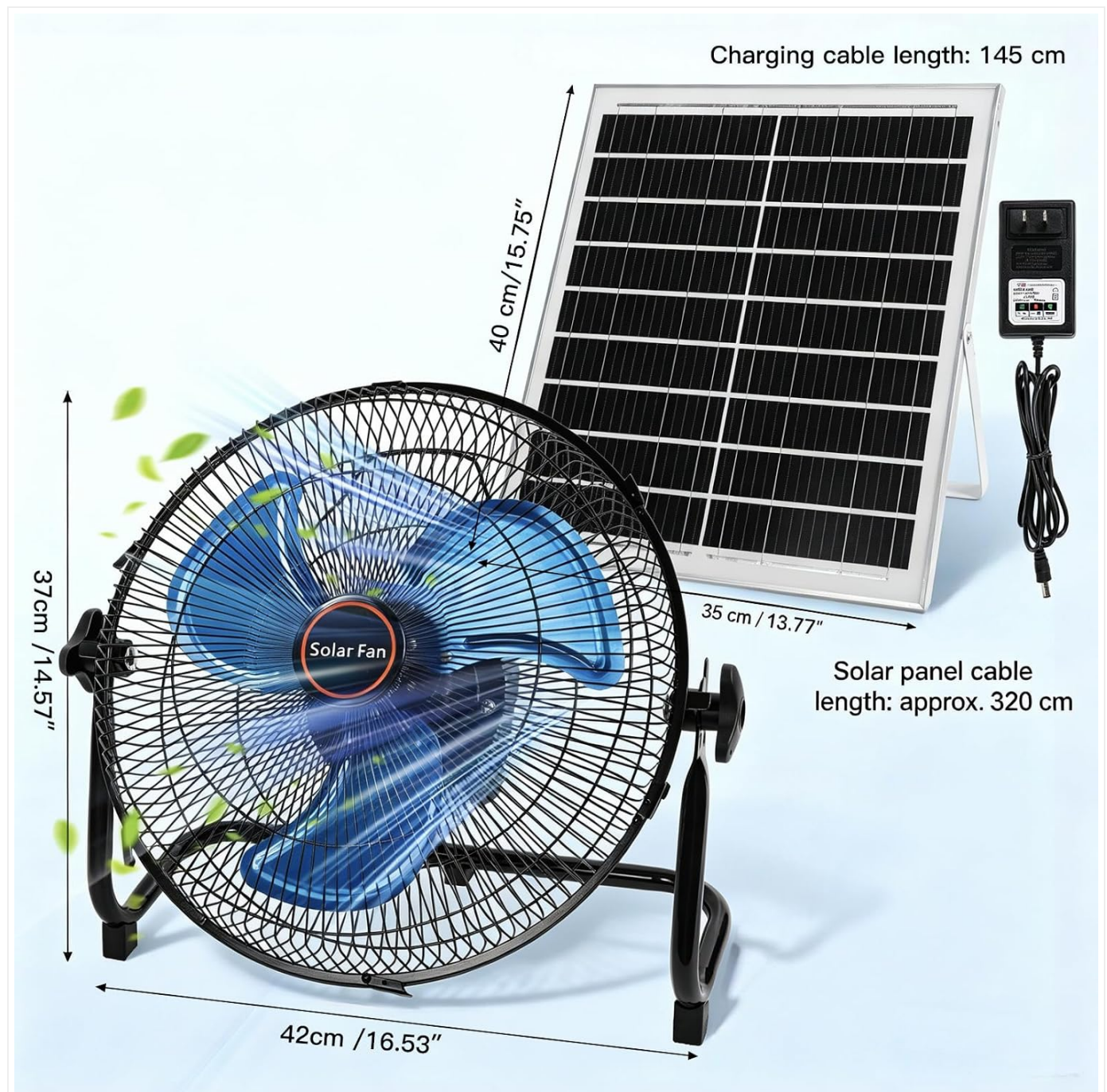


Figure 4.1: Product Dimensions. This image provides the physical dimensions of the fan and solar panel, useful for planning placement.

5. CHARGING THE FAN

The GOESWELL Solar Powered Fan can be charged using either its solar panel or the included AC adapter.

5.1 Solar Charging

Connect the solar panel to the fan's solar input port. Place the solar panel in direct sunlight. The fan will begin charging, and the battery level display on the control panel will indicate charging status. Solar charging typically takes 4-6 hours for a full charge, depending on sunlight intensity.

5.2 AC Charging

Connect the provided 2A AC adapter to the fan's power input port and plug it into a standard wall outlet. The battery level display will show charging progress. AC charging typically takes 3-5 hours for a full charge.

5.3 Battery Level Display

The digital display on the fan's control panel shows the current battery charge level, allowing you to monitor remaining power.



15000 mAh
Ternary lithium battery


3-5H
Charging


8-24H
Usage



Adjustable speed and Power Display



USB Outlet Charge Mobile Devices

Figure 5.1: Control Panel and Battery Display. This image highlights the fan's control interface, including the digital battery level indicator and speed adjustment buttons.



Figure 5.2: Charging Options. This image illustrates the fan's use in pet enclosures and provides a visual comparison of AC and solar charging times.

6. OPERATING INSTRUCTIONS

Familiarize yourself with the fan's controls for optimal use:

1. **Power On/Off:** Press the **ON/OFF** button once to turn the fan on or off.
2. **Adjusting Fan Speed:** Use the **+** and **-** buttons to cycle through the 12 available fan speeds. The current speed level will be displayed digitally.
3. **Setting the Timer:** To activate the timer function, **long press** the **ON/OFF** button. The display will show a timer setting. Use the **+** and **-** buttons to set the desired operating duration (e.g., 1 hour, 2 hours). The fan will automatically shut off after the set time.
4. **Adjusting Fan Angle:** The fan head can be manually tilted 360 degrees. Adjust it to direct airflow precisely where needed.
5. **USB Output (Power Bank Function):** A built-in USB-A port (5V/2A) allows you to charge your smartphone or other small USB-powered devices. Simply connect your device's charging cable to the USB port on the fan. This function can be used while the fan is operating.



Camping



Barn



Pet Shed



Workshop



Multi-Scenario Solar Fan

Figure 6.1: Multi-Scenario Applications. This image demonstrates the fan's portability and suitability for diverse environments.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your fan.

7.1 Cleaning the Fan

- Before cleaning, ensure the fan is turned off and disconnected from all power sources.
- Use a soft, dry cloth to wipe the exterior surfaces of the fan.
- To clean the fan blades, carefully remove the front grille (if detachable, refer to specific assembly instructions in the user manual) and wipe the blades with a damp cloth. Ensure blades are completely dry before reassembling.
- Do not use abrasive cleaners, solvents, or harsh chemicals, as these may damage the fan's finish.
- Never immerse the fan unit in water.

7.2 Cleaning the Solar Panel

- Periodically wipe the surface of the solar panel with a soft, damp cloth to remove dust, dirt, and debris. A clean solar panel ensures maximum charging efficiency.
- Avoid using abrasive materials that could scratch the panel surface.

7.3 Storage

- When storing the fan for extended periods, ensure it is clean and fully charged.
- Store the fan and solar panel in a cool, dry place, away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

If you encounter issues with your GOESWELL Solar Powered Fan, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Fan does not turn on.	Battery is depleted. Power button not pressed correctly. AC adapter or solar panel not connected.	Recharge the fan using solar or AC power. Ensure the ON/OFF button is pressed firmly. Verify all power connections are secure.
Fan is not charging.	Solar panel not in direct sunlight or dirty. AC adapter not plugged in or faulty. Charging cable is damaged.	Relocate solar panel to direct sunlight and clean its surface. Ensure AC adapter is securely plugged into a working outlet. Inspect charging cables for damage. Replace if necessary.
Weak airflow.	Fan speed set too low. Fan blades are dirty or obstructed. Battery charge is low.	Increase fan speed using the '+' button. Clean the fan blades and ensure no obstructions. Recharge the fan's battery.
USB output not charging devices.	Device not compatible or cable faulty. Fan battery is too low.	Ensure your device is compatible with 5V/2A USB output. Try a different USB cable. Recharge the fan's battery.

If the problem persists after trying these solutions, please contact GOESWELL customer support.

9. PRODUCT SPECIFICATIONS

Feature	Specification
Brand	GOESWELL
Model Number	GOESWELL-SF12
Power Source	Solar Powered, AC Adapter
Battery Capacity	15,000mAh Ternary Lithium

Feature	Specification
AC Charging Time	3-5 hours
Solar Charging Time	4-6 hours (depending on sunlight)
Usage Time	4-6 hours (strong wind), up to 24 hours (low speed)
Fan Blades	12-inch Metal
Speed Settings	12 (with digital display)
Tilt Adjustment	360°
USB Output	5V/2A (USB-A)
Solar Panel	20W Polycrystalline
Product Dimensions (D x W x H)	9.45" x 12" x 16.54"
Material	Metal
Indoor/Outdoor Usage	Yes
Control Method	Push Button
Motor Type	Brushless Motor

10. WARRANTY AND SUPPORT

For warranty information, technical assistance, or customer support, please refer to the contact details provided with your purchase documentation or visit the official GOESWELL website. Do not attempt to repair the product yourself, as this may void your warranty.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question