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Maraiss Solar Fan-1

Maraiss 22000mAh Dual-Panel Solar Fan Instruction Manual

Model: Solar Fan-1

Introduction Features Package Contents Setup Operation Maintenance Troubleshooting Specifications Safety Warranty & Support

1. Introduction

Thank you for choosing the Maraiss 22000mAh Dual-Panel Solar Fan. This portable fan is designed for outdoor and indoor use, featuring a powerful fan, integrated LED lighting, and a large capacity battery that can also function as a power bank. This manual provides detailed instructions for safe and efficient use of your device.



Image 1.1: The Maraiss 22000mAh Dual-Panel Solar Fan in green.

2. Product Features

- **5-Speed Ultra-Quiet Cooling:** The fan offers 5 adjustable wind speeds, from a gentle breeze to a strong airflow, powered by a noise-canceling brushless motor operating at less than 35dB at maximum speed.
- **Dual Solar Panels for Efficient Charging:** Equipped with two high-efficiency monocrystalline solar panels, this fan provides enhanced solar charging capabilities. It includes a 22,000mAh industrial-grade battery.
- **Multiple Charging Options:** Recharge the fan via solar power, USB-C port, or a standard wall adapter. Full charge typically takes 4-8 hours depending on sunlight intensity, providing 4-20 hours of runtime based on speed settings.
- **Triple Lighting Modes:** Features a 3-level adjustable LED light with lighting times ranging from 18 to 120 hours, suitable for various illumination needs.
- **Smart 5-Stage Timer:** Program the fan to operate for 1, 2, 4, 6, or 8 hours, offering flexible control over its operation.
- **Multi-Purpose Design:** Includes a 90-degree adjustable stand for use as a table fan and a 360-degree swivel hook

for hanging in tents, vans, RVs, or small rooms.

- **Emergency Power Bank:** Dual USB ports allow the fan to charge phones or tablets, acting as a 20W emergency power supply.



Image 2.1: Illustration of the 5 wind speed settings and their approximate runtimes.



Image 2.2: Depiction of the fan's 3-level lighting design and associated runtimes.



Image 2.3: Visual representation of the fan's 5 timer settings (1H, 2H, 4H, 6H, 8H).

3. Package Contents

Ensure all items are present upon unpacking:

- Maraiss Solar Fan Unit
- Instruction Manual
- USB-C Charging Cable

4. Setup

4.1 Initial Charging

Before first use, it is recommended to fully charge the fan using the provided USB-C cable and a wall adapter. This ensures the internal battery is conditioned for optimal performance.

4.2 Positioning the Fan

- **Tabletop Use:** Unfold the integrated stand to position the fan on a flat surface. The stand allows for a 90-degree angle adjustment to direct airflow.
- **Hanging Use:** Utilize the 360-degree swivel hook located on the top handle to hang the fan inside a tent, RV, or other suitable location.



Image 4.1: The fan's 90-degree adjustable stand and compact design.

5. Operating Instructions

5.1 Power On/Off and Fan Speed Adjustment

1. Press the **Power Button** once to turn on the fan at the lowest speed.
2. Subsequent presses of the **Power Button** will cycle through the 5 available wind speeds.
3. To turn off the fan, press the **Power Button** after the highest speed setting, or press and hold the button for 2 seconds at any speed.

5.2 LED Light Operation

1. Press the **Light Button** once to turn on the LED light at the lowest brightness setting.

2. Subsequent presses of the **Light Button** will cycle through the 3 brightness levels (Low, Medium, High).
3. To turn off the LED light, press the **Light Button** after the highest brightness setting, or press and hold the button for 2 seconds at any brightness.

5.3 Timer Function

1. With the fan running, press the **Timer Button** once to set the timer for 1 hour.
2. Subsequent presses of the **Timer Button** will cycle through the available timer intervals: 1H, 2H, 4H, 6H, 8H.
3. The fan will automatically turn off once the selected timer duration expires. To cancel the timer, cycle through all settings until no timer indicator is lit, or turn off the fan manually.

5.4 Charging the Fan

The fan can be charged using three methods:

- **Solar Charging:** Unfold the dual solar panels and place the fan in direct sunlight. The solar indicator lights will illuminate to show charging status. Charging time varies based on sunlight intensity.
- **USB-C Charging:** Connect the provided USB-C cable to the fan's USB-C input port and a compatible USB power source (e.g., wall adapter, power bank).
- **Wall Adapter Charging:** Use a standard USB wall adapter (not included) with the USB-C cable for faster charging.



Image 5.1: Illustration of dual solar panel charging and USB-C fast charging methods.

5.5 Using as a Power Bank

The fan features dual USB output ports to charge external devices:

1. Connect your device's charging cable to one of the USB output ports on the fan.
2. The fan's internal 22,000mAh battery will begin charging your device.



Image 5.2: The fan functioning as an emergency power bank to charge a smartphone.

Your browser does not support the video tag.

Video 5.1: Official Maraiss video demonstrating the 22000mAh Dual-Panel Solar Powered Fan, including its features and usage.

6. Maintenance

6.1 Cleaning

- Ensure the fan is turned off and unplugged before cleaning.
- Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Periodically clean dust from the fan blades and grilles using a soft brush or compressed air.

6.2 Storage

When not in use for extended periods, store the fan in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the battery is partially charged (around 50%) before storage to prolong its lifespan.

7. Troubleshooting

Problem	Possible Cause	Solution
Fan does not turn on.	Battery is depleted.	Charge the fan using USB-C or solar panels.
Fan does not turn on.	Power button not pressed correctly.	Ensure the power button is pressed firmly.
Solar charging is slow or not working.	Insufficient sunlight or panels are dirty.	Place in direct sunlight; clean solar panels.
LED light does not turn on.	Battery is depleted or light button not pressed.	Charge the fan; press the light button to cycle through modes.
Device not charging from USB output.	Fan battery is low or cable is faulty.	Charge the fan; try a different USB cable.

8. Specifications

Feature	Detail
Brand	Maraiss
Model Name	Solar Fan-1
Power Source	Solar Powered
Battery Capacity	22000mAh
Number of Speeds	5
Noise Level	35 Decibels
Control Method	Touch
Product Dimensions (D x W x H)	9.6"D x 7.2"W x 3.7"H
Item Weight	1.17 Kilograms
Material	Plastic
Indoor/Outdoor Usage	Outdoor
Mounting Type	Floor Mount/Clip-On
Special Features	Adjustable Height, LED Light, Power Bank Function

9. Safety Information

- Do not expose the fan to extreme temperatures, direct flame, or water.
- Keep out of reach of children and pets.
- Do not disassemble or attempt to repair the fan yourself. Contact customer support for assistance.
- Ensure proper ventilation when charging or operating the fan.
- Avoid placing fingers or other objects into the fan blades while operating.
- Dispose of the battery according to local regulations.

10. Warranty and Support

Maraiss offers a **1-year professional support warranty** for this product. For any inquiries, technical assistance, or warranty claims, please contact Maraiss customer service. Our 24/7 all-day service team is available to assist you. Contact information can typically be found on the product packaging or the official Maraiss website.

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