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Innopower CKFAN-001

Innopower CKFAN-001 Portable Solar Rechargeable Fan with LED Lantern User Manual

Model: CKFAN-001 | Brand: Innopower

1. Introduction

Thank you for choosing the Innopower CKFAN-001 Portable Solar Rechargeable Fan. This versatile device combines a powerful fan, an LED lantern, and a power bank, making it ideal for various indoor and outdoor activities such as camping, office use, home, and emergency situations. Please read this manual carefully before use to ensure proper operation and maintenance.

2. Safety Instructions

- Do not expose the fan to extreme temperatures or direct sunlight for prolonged periods when not in use.
- Keep the fan away from water and moisture.
- Do not attempt to disassemble or repair the device yourself. Contact customer support if issues arise.
- Keep out of reach of children.
- Ensure the fan is unfolded properly before use to maximize airflow.

3. Package Contents

- 1 x Innopower CKFAN-001 Portable Fan
- 1 x USB Charging Cable
- User Manual

4. Product Overview

Familiarize yourself with the main components and controls of your Innopower fan.



Figure 1: Front view of the Innopower CKFAN-001 Portable Fan, showing the fan grill, control panel, and LED lights.

Key Features:

- **Brushless Motor & 3 Speeds:** Provides powerful yet quiet airflow (less than 28dB).
- **Solar Panel & 20000mAh Battery:** Rechargeable via solar or USB-C, with long-lasting battery life.
- **LED Lantern:** Features low (100 lumen) and high (200 lumen) brightness settings, plus an SOS emergency light.
- **Timer Function:** Set for 2, 4, or 8 hours.
- **Power Bank:** USB-A output port to charge other devices.
- **Built-in Aromatherapy Slot:** For essential oils (not included).
- **Foldable & Hangable Design:** Can stand as a table fan or be hung with its rotatable hook.

5. Setup

5.1 Initial Charging

Before first use, fully charge the fan for 8-10 hours to activate the battery. Use the provided USB-C cable and a compatible power adapter (not included).



Figure 2: The fan can be charged via USB-C or its integrated solar panel.

5.2 Unfolding the Fan

The fan features a foldable design. Gently unfold the fan to its desired position for use. Ensure it is stable when placed on a surface.

6. Operating Instructions

6.1 Fan Operation

Press the 'SPEED' button on the control panel to cycle through the three fan speeds: Low, Medium, and High. Press again to turn off the fan.



Figure 3: Fan speed settings and corresponding airflow.

6.2 LED Lantern Operation

Press the 'LIGHT' button to activate the LED lantern. Cycle through the settings: Low brightness (100 lumen), High brightness (200 lumen), and SOS emergency red & blue strobe light. Press again to turn off the light.



Figure 4: LED lantern providing illumination in a tent and an SOS emergency light.

6.3 Timer Function

Press the 'TIMING' button to set an auto-off timer for the fan. Available settings are 2 hours, 4 hours, and 8 hours. The fan will automatically turn off after the selected duration.

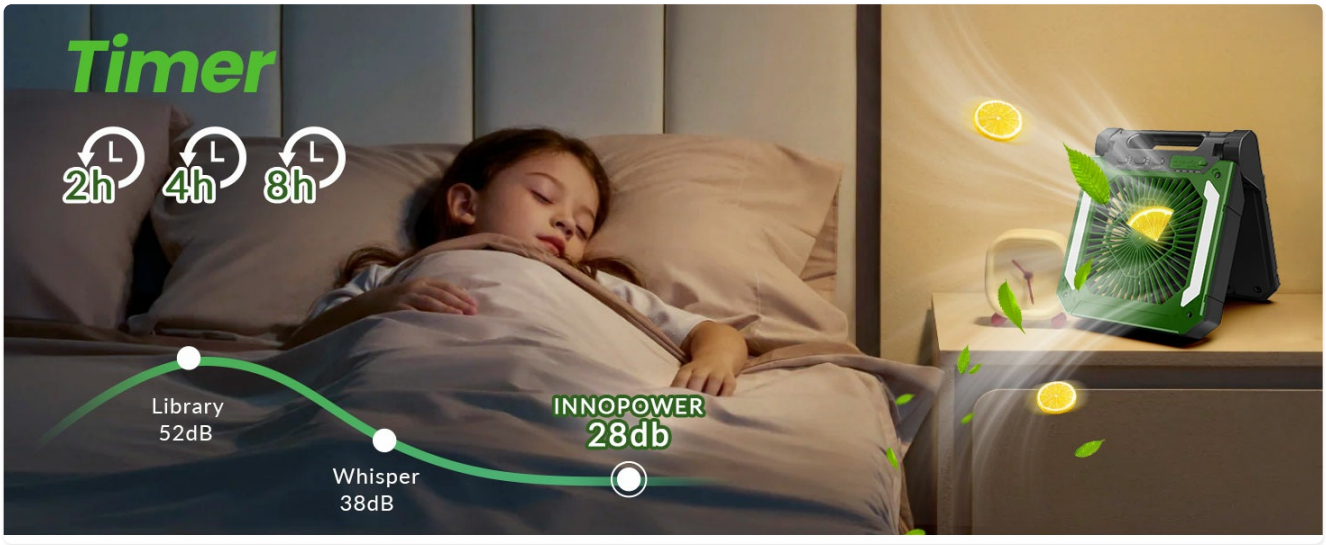

Figure 5: Timer settings for 2, 4, or 8 hours, ideal for undisturbed sleep.

6.4 Power Bank Function

The fan is equipped with a USB-A output port (5V 2A) to function as a power bank. Connect your mobile phone, camera, or other USB-powered devices to this port to charge them.



Figure 6: The fan's 20000mAh battery can be used to charge other devices.

6.5 Solar Charging

For optimal solar charging, ensure the integrated mono-crystalline silicon solar panel is placed under strong, direct sunlight. Solar charging is designed as a supplementary power source and its effectiveness may vary depending on weather and sunlight conditions.



Figure 7: Solar panel charging the fan outdoors.

6.6 Aromatherapy Function

Locate the unique air freshener slot at the front of the fan. Insert a scent pad (not included) into the container and add a few drops of your favorite essential oil (not included) for a fresher breeze.



Figure 8: Adding essential oil to the aromatherapy slot.

6.7 Folding and Hanging Design

The fan can be 90° folded to stand as a table fan. It also features a rotatable hook, making it easy to hang inside a tent, van, RV, or small room for improved air circulation.



Figure 9: The fan's versatile hanging design.

7. Maintenance

- Clean the fan blades and exterior regularly with a soft, dry cloth.
- Do not use abrasive cleaners or solvents.
- Store the fan in a cool, dry place when not in use.

8. Troubleshooting

- **Fan not turning on:** Ensure the battery is charged. If using for the first time, ensure it has been charged for 8-10 hours to activate the battery.
- **Poor airflow:** Ensure the fan is unfolded correctly and not obstructed.
- **Slow solar charging:** Place the solar panel under strong, direct sunlight. Solar charging is supplementary and depends on environmental conditions.

- **Device not charging from USB port:** Ensure the fan has sufficient battery charge. Check the USB cable and device connection.

9. Specifications

Feature	Detail
Brand	Innopower
Model Number	CKFAN-001
Battery Capacity	20000mAh
Power Source	Battery Powered, Solar Powered
Fan Speeds	3 (Low, Medium, High)
Noise Level	Less than 28 Decibels
LED Lantern Brightness	Low (100 lumen), High (200 lumen)
Timer Settings	2h, 4h, 8h
USB Output	5V 2A
Product Dimensions	6"D x 9"W x 2"H
Material	Acrylonitrile Butadiene Styrene (ABS)

10. Official Product Videos

Innopower Battery Camping Fan with Solar Panel

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This video demonstrates the Innopower camping fan, highlighting its solar panel and battery features.

Innopower Battery Powered with Solar Panel

Your browser does not support the video tag.

An official video showcasing the battery-powered and solar charging capabilities of the Innopower fan.

11. Warranty and Support

Innopower offers a 12-month Factory Professional Support. For any questions or assistance, please reach out to Innopower customer service via Amazon. They provide 24/7 all-day service.

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