

## Tonree 20" SF

# Tonree 20" Solar Floor Fan Instruction Manual

Model: 20" SF

## INTRODUCTION

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This manual provides essential information for the safe and efficient operation of your Tonree 20" Solar Floor Fan. Please read these instructions carefully before use and retain them for future reference.

The Tonree 20" Solar Floor Fan is a portable, battery-operated floor fan designed for both indoor and outdoor use. It features a 49800 mAh rechargeable battery, a 50-watt solar panel for charging, and a high-airflow brushless motor. Its robust, waterproof design makes it suitable for various environments.



Image: Tonree 20-inch Solar Floor Fan, showcasing its design and portability.

## PACKAGE CONTENTS

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Verify that all items are present in the package:

- Rechargeable Floor Fan (20-inch)
- Solar Panel (18x18 inches)
- AC Adapter
- Bracket
- Screws
- User Manual (this document)

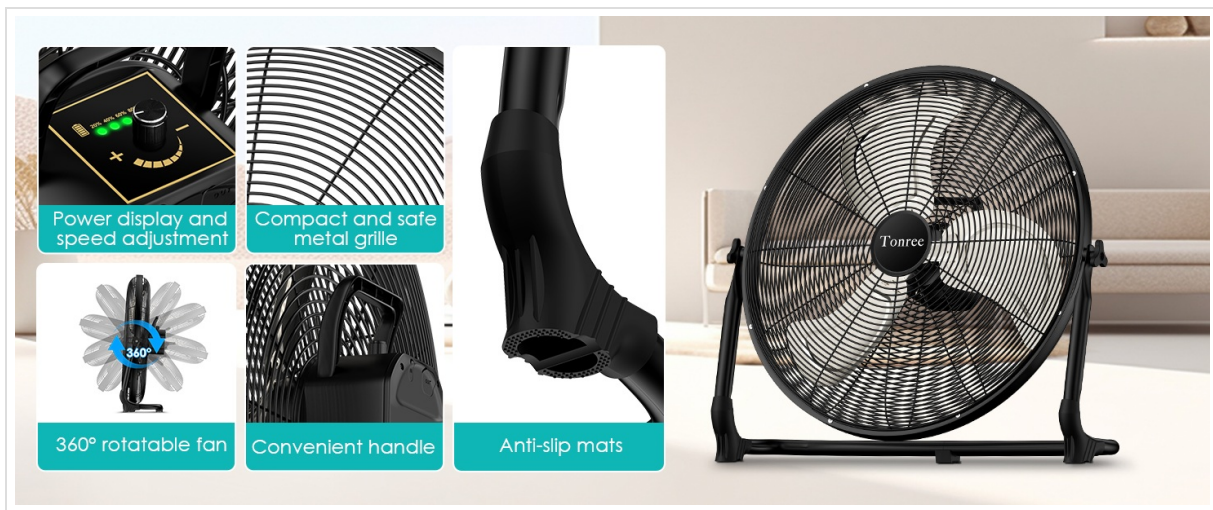


Image: Illustration of the fan, solar panel, AC adapter, and user manual included in the package.

## SETUP

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1. **Unpacking:** Carefully remove all components from the packaging.
2. **Bracket Assembly:** Attach the bracket to the fan using the provided screws. Ensure it is securely fastened to provide a stable base for the fan.
3. **Initial Charge:** Before first use, fully charge the fan's internal battery using the AC adapter. Connect the AC adapter to the fan's charging port and plug it into a standard wall outlet. The fan can be fully charged in approximately 3-4 hours via AC adapter.
4. **Solar Panel Placement:** If using solar charging, position the solar panel in direct sunlight. The solar charge cable is 10 ft long, allowing flexible placement. Ensure the panel is angled to receive maximum sunlight for optimal charging efficiency.

## OPERATING INSTRUCTIONS

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### Powering On/Off

- To turn the fan on, rotate the control knob clockwise from the "OFF" position.
- To turn the fan off, rotate the control knob counter-clockwise to the "OFF" position.

### Speed Adjustment

- The fan features stepless speed adjustment. Rotate the control knob clockwise to increase fan speed and airflow. Rotate counter-clockwise to decrease speed.
- The fan's maximum speed is 1500 RPM, providing high airflow.

# ENJOY COOL IN YOUR LIFE



Image: Close-up of the fan's control panel, showing the stepless speed adjustment knob and intelligent power display.

## Charging the Fan

The fan can be charged using two methods:

1. **AC Adapter Charging:** Connect the provided AC adapter to the fan's charging port and a wall outlet. A full charge takes approximately 3-4 hours.
2. **Solar Panel Charging:** Connect the solar panel to the fan's solar input port. Place the solar panel in direct sunlight. A full charge takes approximately 6-8 hours on a sunny day. Charging performance is dependent on sunlight intensity.

The fan's 49800 mAh battery provides 8-10 hours of operation at maximum speed and 60-70 hours at minimum speed on a full charge.

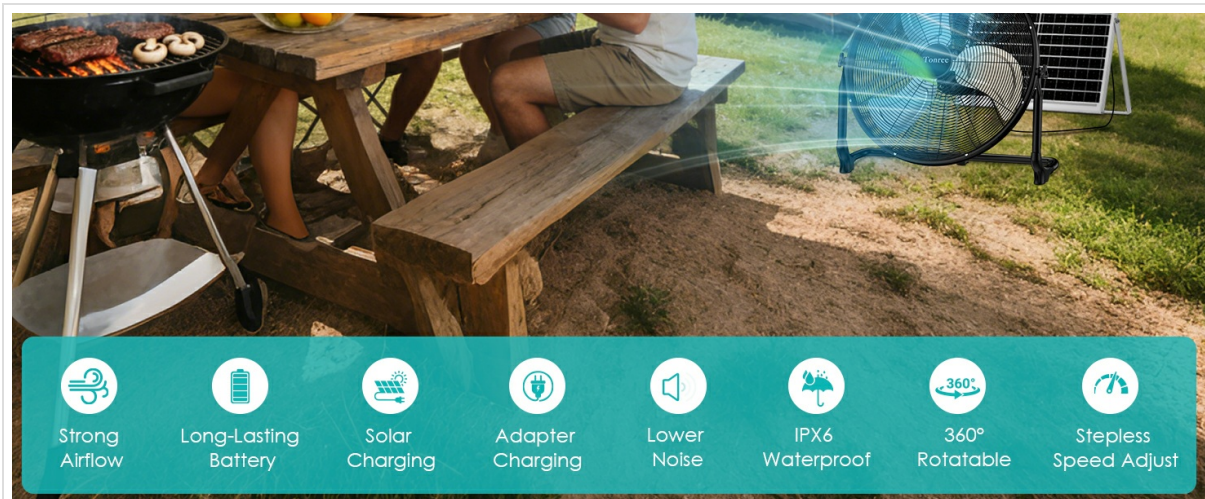


Image: Visual representation of battery life at different speeds and charging methods (AC adapter and solar panel).

## USB Power Output (Power Bank Function)

The fan can serve as a power bank to charge small devices like smartphones. Locate the USB output port on the fan's control panel. Connect your device using a compatible USB cable. The fan must be running for the USB port to provide power.



Image: The fan's USB output port being used to charge a smartphone.

## Adjusting Fan Direction

The fan head can be manually adjusted 360 degrees to direct airflow as needed. Gently tilt the fan head to the desired angle.

## MAINTENANCE

- **Cleaning:** Ensure the fan is turned off and unplugged before cleaning. Use a soft, damp cloth to wipe down the exterior. For the metal grille and blades, use a soft brush or vacuum cleaner to remove dust and debris. Do not use abrasive cleaners or immerse the fan in water.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Recharge the fan regularly, especially if it will be stored for an extended period. The built-in rechargeable battery is designed for over 3000 charge cycles.
- **Water Resistance:** The fan is rated IPX6 waterproof, meaning it can withstand powerful water jets. However, it is not designed for submersion. Ensure charging ports are covered when exposed to water.
- **Storage:** Store the fan in a cool, dry place away from direct sunlight and extreme temperatures when not in use.

## CONVENIENT DUAL POWER MODES

**AC Adapter Charging:**  
Full Charging 2~3 H

**Solar Panel Charging:**  
Full Charging 4~5 H

Image: Details highlighting the fan's IPX6 waterproof rating and safe metal grille for durability and protection.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Fan does not turn on.	Battery is depleted. Fan is not properly switched on.	Charge the fan using the AC adapter or solar panel. Ensure the control knob is rotated past the "OFF" position.
Fan airflow is weak.	Low battery charge. Obstruction in front or behind the fan. Solar panel not receiving enough sunlight (during solar operation).	Recharge the battery. Clear any obstructions. Reposition the solar panel for direct sunlight.
Solar charging is slow or not working.	Insufficient sunlight. Solar panel is dirty. Cable connection is loose.	Ensure the solar panel is in direct, unobstructed sunlight. Clean the solar panel surface. Check all cable connections.
USB power output not working.	Fan is not running. Device cable is faulty.	Turn the fan on. Try a different USB cable or device.

## SPECIFICATIONS

Feature	Detail
<b>Model Name</b>	Tonree 20" Solar Floor Fan
<b>Model Number</b>	20" SF
<b>Fan Diameter</b>	20 inches
<b>Product Dimensions (D x W x H)</b>	8"D x 23"W x 23"H
<b>Weight</b>	13 lb (Fan only, approximate)
<b>Power Source</b>	Battery Powered, Solar Powered
<b>Battery Capacity</b>	49800 mAh
<b>Battery Life (Max Speed)</b>	8-10 hours
<b>Battery Life (Min Speed)</b>	60-70 hours
<b>AC Charging Time</b>	3-4 hours
<b>Solar Panel Power</b>	50 watts
<b>Solar Panel Dimensions</b>	18" x 18"
<b>Solar Charging Time</b>	6-8 hours (sunny day)
<b>Max Speed</b>	1500 RPM
<b>Air Flow Capacity</b>	3500 Cubic Feet Per Minute
<b>Waterproof Rating</b>	IPX6

Feature	Detail
Material	Metal
Special Features	Battery Operated, Quiet Operation, Rechargeable, Solar Powered, Waterproof, USB Power Output, 360° Adjustable

## WARRANTY AND SUPPORT

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Tonree provides quality assurance for this product. While specific warranty duration details are not provided in this manual, the product is designed with a durable, built-in rechargeable battery capable of over 3000 recycle times.

For any questions, concerns, or support needs regarding your Tonree 20" Solar Floor Fan, please contact our customer support team. We offer 24/7 customer support to assist you.

**Contact Information:** Please refer to the product packaging or the official Tonree website for the most current customer support contact details.