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> ATEngineus 6-inch 20000 mAh Mini USB Desk Fan TF32B Instruction Manual

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Model: TF32B | Brand: ATEngineus

INTRODUCTION

Thank you for purchasing the ATEngineus 6-inch 20000 mAh Mini USB Desk Fan TF32B. This portable and versatile fan is designed to provide powerful and quiet airflow for various settings, including your office, home, travel, and camping. With its adjustable speeds, long-lasting battery, and convenient timer function, it ensures comfort wherever you go. Please read this manual carefully before use to ensure proper operation and maintenance.

IMPORTANT SAFETY INSTRUCTIONS

- Read all instructions before using this fan.
- Do not insert fingers or any objects into the fan grille when it is operating.
- Keep the fan away from water or other liquids to avoid electric shock.
- Do not use the fan in areas with high humidity or extreme temperatures.
- Ensure the fan is placed on a stable surface to prevent it from falling.
- Unplug the fan when not in use or before cleaning.
- Do not attempt to repair or disassemble the fan yourself. Contact qualified service personnel for assistance.
- Keep out of reach of children.

PRODUCT OVERVIEW & KEY FEATURES

The ATEngineus TF32B fan combines powerful performance with portable convenience. Below are its main features:

- **3 Adjustable Speed Settings:** Choose between low (2.4 m/s, 1150 RPM), medium (3.0 m/s, 1700

RPM), and high (4.5 m/s, 2350 RPM) airflow to suit your comfort needs.

- **20000 mAh Rechargeable Battery:** Enjoy extended operation with up to 100 hours on low speed, 60 hours on medium, and 15 hours on high. The large battery also functions as a power bank, capable of charging your phone 3-5 times.
- **Automatic Shut-off Timer:** Set the fan to automatically turn off after 2 or 4 hours, ideal for use during sleep.
- **180° Rotatable Fan Head:** Adjust the fan head to direct airflow precisely where you need it, providing omnidirectional cooling.
- **Easy to Clean:** The front cover can be easily removed by rotating it counter-clockwise, allowing for simple cleaning of the blades and frame.
- **Ergonomic and Stable Design:** Features an ergonomic handle for comfortable carrying and four anti-slip rubber mats on the base for enhanced stability and reduced vibration.



Image: Illustration of the fan's three speed settings, indicating airflow in m/s and RPM.

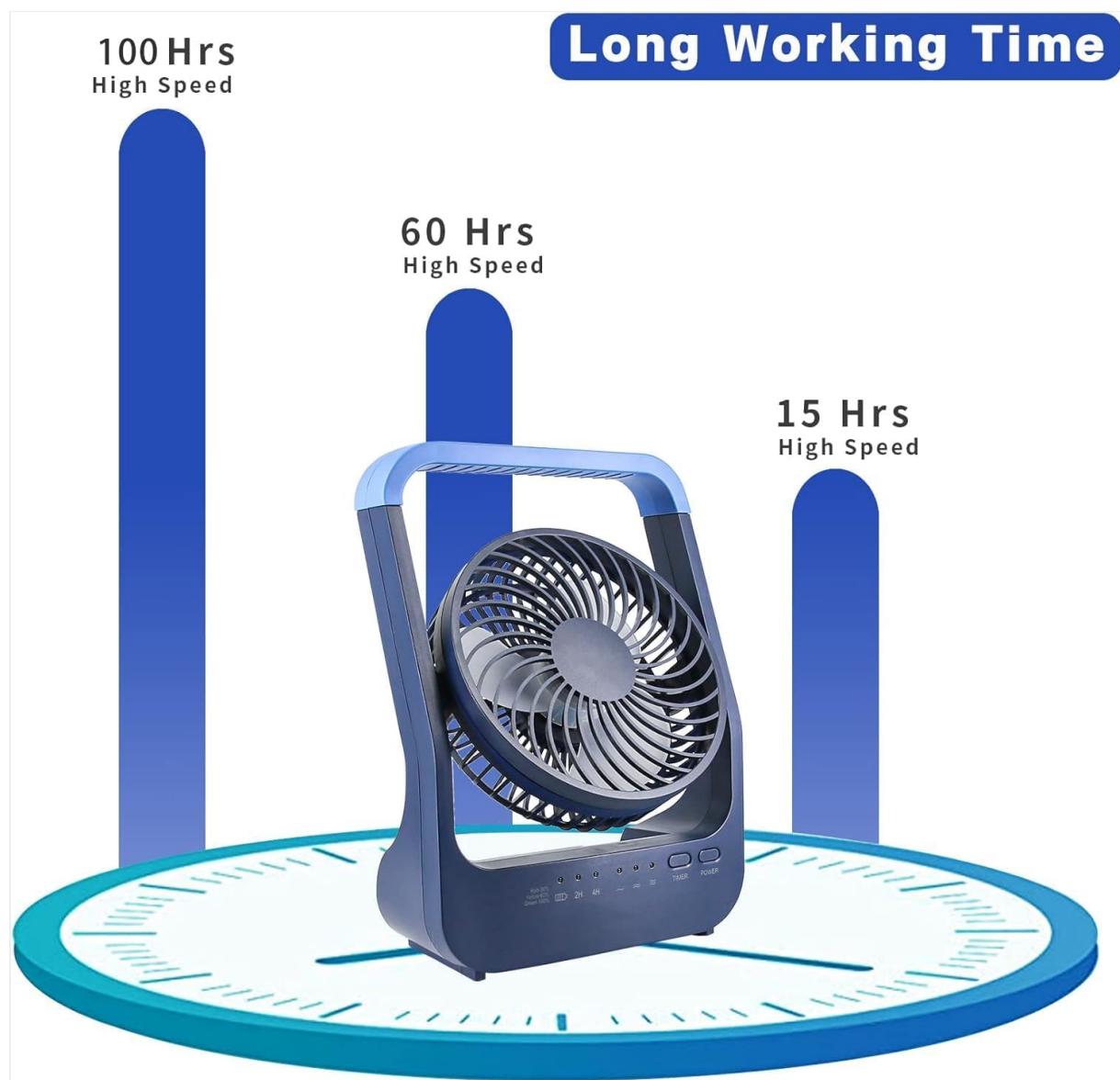


Image: Visual representation of the fan's battery life at different speed settings.

180° Rotate Design Fan Head

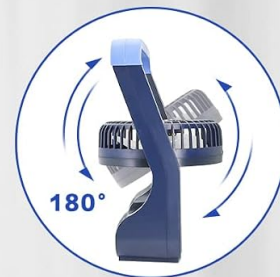


Image: The fan head rotating 180 degrees to show its adjustable design.

SETUP

1. Initial Charging

Before first use, it is recommended to fully charge your ATengeus TF32B fan. Connect the provided USB charging cable to the fan's input port and to a compatible USB power source (e.g., wall adapter, computer USB port, power bank). The charging indicator lights will show the charging status.

2. Placement

Place the fan on a flat, stable surface. The anti-slip mats on the base ensure stability. You can also use its portable design for various outdoor activities.

OPERATING INSTRUCTIONS

1. Power On/Off and Speed Adjustment

1. To turn on the fan, press the power button located on the front panel. The fan will start at low speed.
2. Press the power button repeatedly to cycle through the speed settings: Low → Medium → High.
3. To turn off the fan, press the power button after the high-speed setting, or press and hold the button

for a few seconds from any speed.

Your browser does not support the video tag.

Video: Demonstrates how to power on the fan and cycle through its three speed settings.

2. Using the Automatic Shut-off Timer

The fan features an automatic shut-off timer for convenience, especially during sleep. Press the timer button to select between 2-hour or 4-hour auto-off settings. The corresponding indicator light will illuminate.



Image: The fan's timer function, illustrating automatic shut-off after 2 or 4 hours.

3. Adjusting Fan Angle

The fan head can be manually rotated 180 degrees vertically. Gently adjust the fan head to direct the airflow to your desired angle.

4. Power Bank Function

Utilize the fan's 20000 mAh battery to charge your mobile devices. Connect your device's USB charging cable to the fan's USB output port. This feature is particularly useful during outdoor activities or power outages.



Flood



Power Cut



Hurricane



Camping

Power Bank

With a power output port, Charge phone by the fan Prepared for Emergencies



Image: The fan's power bank capability, showing a phone being charged.

MAINTENANCE

Cleaning the Fan

1. Ensure the fan is turned off and unplugged before cleaning.
2. To remove the front cover, gently rotate it counter-clockwise until it detaches.
3. Wipe the fan blades and the inside of the grille with a soft, damp cloth. Do not use abrasive cleaners or solvents.
4. Allow all parts to dry completely before reassembling.
5. Align the front cover with the fan body and rotate it clockwise until it clicks securely into place.



Image: Detaching the front cover for easy cleaning of the fan blades.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Fan does not turn on.	Battery is depleted.	Charge the fan using the provided USB cable.
Fan stops unexpectedly.	Battery is low or timer is active.	Recharge the fan. Check if the timer function is set.
Weak airflow.	Fan speed is set too low or grille is obstructed.	Increase the fan speed. Clean the fan blades and grille.
Fan makes unusual noise.	Obstruction in the blades or loose parts.	Turn off and unplug the fan. Carefully check for any obstructions and remove them. Ensure the front cover is securely attached.
Device not charging from fan (power bank function).	Fan battery is low or cable is faulty.	Ensure the fan is sufficiently charged. Try a different USB cable.

SPECIFICATIONS

Brand	ATEngeus
Model Number	TF32B
Product Dimensions	7.3 x 18 x 24.5 cm (2.87 x 7.09 x 9.65 inches)
Product Weight	700 g (1.54 lbs)
Battery Capacity	20000 mAh
Voltage	5 Volts
Power Source	Battery
Special Features	Timer, 3 Adjustable Speeds, 180° Rotation, Power Bank Function

Recommended Uses	Air Circulation, Office, Home, Travel, Camping
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WARRANTY AND SUPPORT

ATEngeus products are designed and manufactured to the highest quality standards. This product comes with a standard manufacturer's warranty. For detailed warranty information, product support, or any inquiries, please refer to the contact information provided with your purchase or visit the official ATEngeus website.

Please retain your proof of purchase for warranty claims.