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cysum T1 Pro

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Model: T1 Pro

IMPORTANT SAFETY INFORMATION

Before operating your cysum T1 Pro electric tricycle, please read and understand all safety instructions. Failure to follow these instructions may result in serious injury or property damage. Always prioritize your safety and the safety of others.

- **Wear a Helmet:** Always wear an approved bicycle helmet when riding.
- **Obey Traffic Laws:** Follow all local traffic laws, regulations, and signage.
- **Pre-Ride Check:** Before each ride, inspect the brakes, tires, battery level, and all fasteners to ensure they are secure.
- **Weight Limit:** Do not exceed the maximum load capacity of 150 kg (330 lbs).
- **Weather Conditions:** Avoid riding in heavy rain, snow, strong winds, or icy conditions. Wet surfaces can reduce braking effectiveness and traction.
- **Visibility:** Use lights and reflective gear, especially when riding in low light conditions or at night.
- **Battery Charging:** Only use the charger provided. Charge the battery in a well-ventilated area, away from flammable materials. Do not leave charging unattended for extended periods.
- **Children:** This tricycle is designed for adults. Keep children away from the tricycle during operation and charging.
- **Modifications:** Do not modify the tricycle's electrical system or any components. Unauthorized modifications can void the warranty and create safety hazards.

SETUP AND ASSEMBLY

Your cysum T1 Pro electric tricycle requires some assembly. Please follow these steps carefully.

1. **Unpacking:** Carefully remove all components from the packaging. Retain packaging materials for future transport or storage.
2. **Handlebar Installation:** Attach the handlebars to the stem, ensuring they are centered and tightened securely. Adjust the angle for comfortable riding.
3. **Seat Adjustment:** Insert the seat post into the frame and adjust the seat height to a comfortable position, allowing

your feet to touch the ground when stopped. Tighten the quick-release lever or bolt securely.

4. **Basket Installation:**

- **Front Basket:** Attach the front basket to the designated mounting points on the handlebars or front frame. Ensure all bolts are tightened.
- **Rear Basket/Rack:** Secure the rear cargo rack and basket to the frame using the provided hardware. Verify it is stable and can support weight.



Image: Detailed view of the rear cargo basket, highlighting its robust construction for carrying items.

5. **Tire Inflation:** Check the tire pressure using a gauge and inflate to the recommended PSI (usually found on the tire sidewall).
6. **Brake Check and Adjustment:** Test both front and rear brakes. Ensure they engage smoothly and stop the tricycle effectively. Adjust cable tension if necessary.
7. **Initial Battery Charge:** Fully charge the battery before your first ride. Refer to the "Battery Charging" section for details.
8. **Folding Mechanism (if applicable):** If your model features a folding frame, familiarize yourself with the folding and unfolding mechanism. Ensure all locking mechanisms are securely engaged before riding.



Image: Detail of the tricycle's folding joint, illustrating the secure clamping system.

OPERATING INSTRUCTIONS

Learn how to operate your cysum T1 Pro electric tricycle safely and efficiently.

1. **Powering On/Off**

- To power on, press and hold the power button on the LCD display.
- To power off, press and hold the power button again until the display turns off.

2. **Understanding the LCD Display**

The intelligent LCD display provides essential riding information:

- **Speed:** Current riding speed.

- **Battery Level:** Indicates remaining battery charge.
- **Assistance Mode (PAS):** Shows the current level of pedal assistance (e.g., 1-5).
- **Mileage:** Trip distance and total odometer.
- **Time:** Riding duration.



Image: The handlebar-mounted LCD display, providing real-time ride data.

3. Pedal Assist System (PAS)

- The T1 Pro features a pedal assist system. As you pedal, the motor provides assistance, making riding easier.
- Use the '+' and '-' buttons on the display to adjust the level of assistance. Higher levels provide more power.
- The tricycle is equipped with a 250W motor, offering excellent performance and assistance for inclines up to 15 degrees.

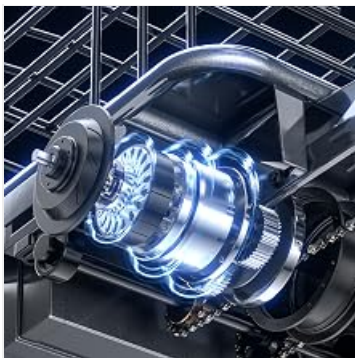


Image: Internal view of the 250W electric motor, illustrating its power delivery system.

4. Riding Tips

- **Stability:** Three-wheeled vehicles offer inherent stability, but always be mindful of turns and uneven surfaces.
- **Turning:** Lean slightly into turns, but avoid sharp, high-speed turns which can compromise stability.
- **Braking:** The T1 Pro features dual disc brakes for precise stopping power. Apply both brakes smoothly and evenly for optimal control.



Image: Detail of the front wheel and disc brake, emphasizing the braking system.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your cysum T1 Pro electric tricycle.

- **Battery Care:**
 - Charge the 48V 22Ah lithium battery regularly, even if not in use, to maintain its health.
 - Avoid completely draining the battery.
 - Store the tricycle and battery in a cool, dry place, away from direct sunlight and extreme temperatures.
 - Do not expose the battery to water.



Image: The integrated battery compartment, showing the non-removable 48V 22Ah lithium battery.

- **Tire Pressure:** Check tire pressure weekly and maintain it at the recommended level for optimal performance and safety.
- **Brake Inspection:** Regularly inspect brake pads for wear and brake cables for proper tension. Adjust or replace as needed.
- **Cleaning:** Clean the tricycle with a damp cloth. Avoid using high-pressure washers directly on electrical components.
- **Fasteners:** Periodically check all bolts, nuts, and quick-release levers to ensure they are tight and secure.

TROUBLESHOOTING

This section addresses common issues you might encounter with your cysum T1 Pro electric tricycle.

Problem	Possible Cause	Solution
Tricycle does not power on.	Battery is low or depleted; power cable loose; display malfunction.	Charge the battery fully. Check all cable connections. Contact support if issue persists.
Motor not providing assistance.	PAS level set to 0; battery low; motor connection loose; sensor issue.	Increase PAS level on the display. Check battery charge. Inspect motor cables.
Brakes feel weak or ineffective.	Worn brake pads; loose brake cables; air in hydraulic system (if applicable).	Inspect and replace brake pads. Adjust brake cable tension. Consult a professional for hydraulic brake issues.
Battery not charging.	Charger not connected properly; faulty charger; battery issue.	Ensure charger is securely plugged into both the wall and the tricycle. Try a different outlet. Contact support if the charger or battery seems faulty.

SPECIFICATIONS

Detailed technical specifications for the cysum T1 Pro Electric Tricycle.

- **Brand:** cysum
- **Model Name:** T1 Pro
- **Type:** Electric Tricycle (3-wheel electric bike)
- **Wheel Size:** 16 inches
- **Motor:** 250W
- **Battery:** 48V 22Ah Lithium Battery (1056 Watt-hours)
- **Max Speed:** 15-25 km/h (optional, depending on local regulations and settings)
- **Range:** Up to 100 km (62 miles) per charge
- **Max Load Capacity:** 150 kg (330 lbs)
- **Tricycle Weight:** 46 kg (101 lbs)
- **Recommended Rider Height:** 150-185 cm (4'11" - 6'1")
- **Brake System:** Dual Disc Brakes
- **Suspension Type:** No suspension
- **Frame Material:** High-carbon steel
- **Included Components:** Front and Rear Baskets
- **Assembly Required:** Yes

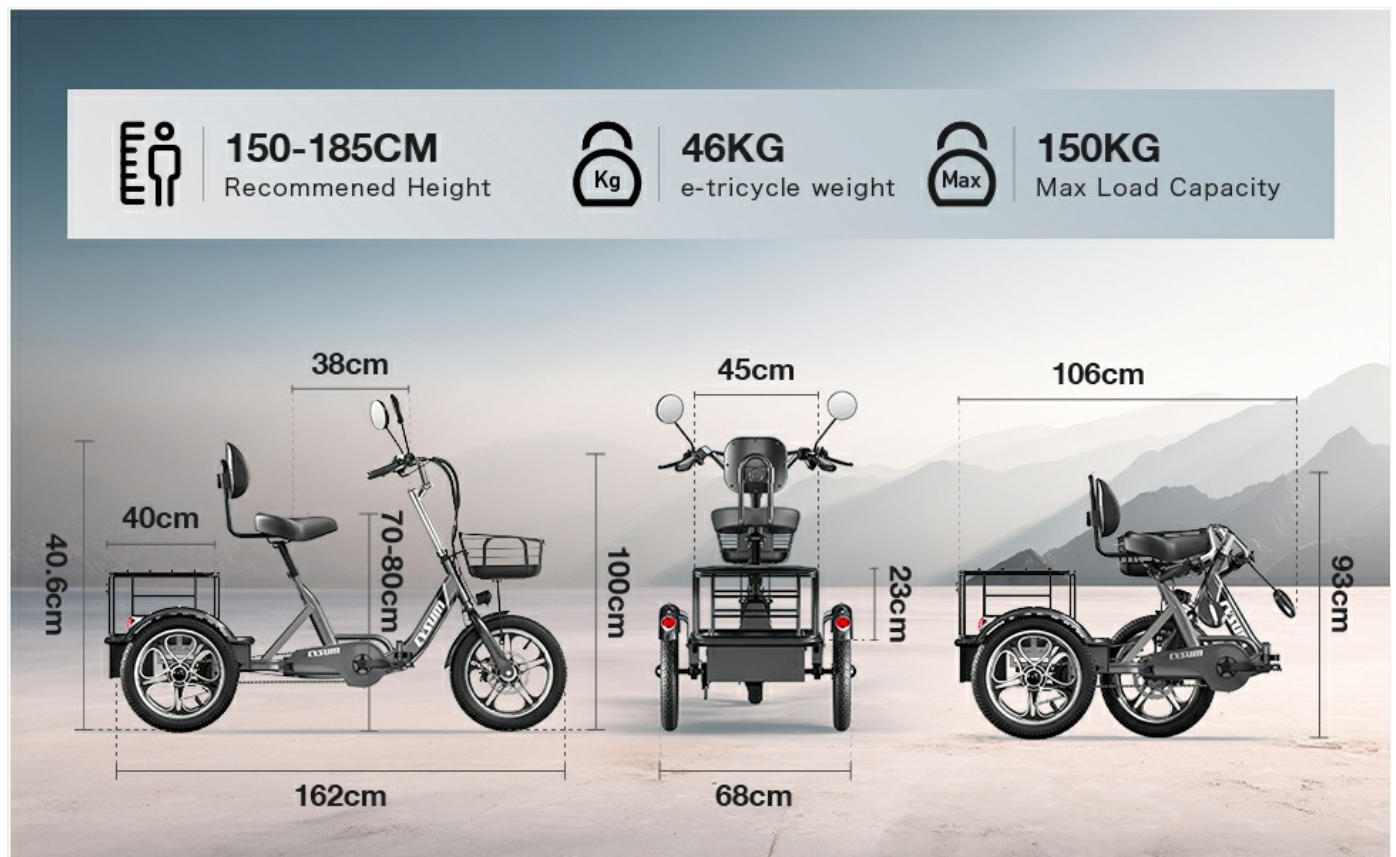


Image: Technical diagram illustrating the tricycle's dimensions, weight, and load capacity.

WARRANTY AND SUPPORT

Warranty Information

The cysum T1 Pro Electric Tricycle comes with a **1-year limited warranty** from the date of purchase. This warranty covers manufacturing defects in materials and workmanship. It does not cover damage caused by misuse, accidents,

unauthorized modifications, or normal wear and tear.
Please retain your proof of purchase for warranty claims.

Customer Support

For any questions, technical assistance, or warranty claims, please contact your retailer or the manufacturer's customer support. Refer to your purchase documentation for specific contact details.
When contacting support, please have your model name (T1 Pro) and purchase date available.

