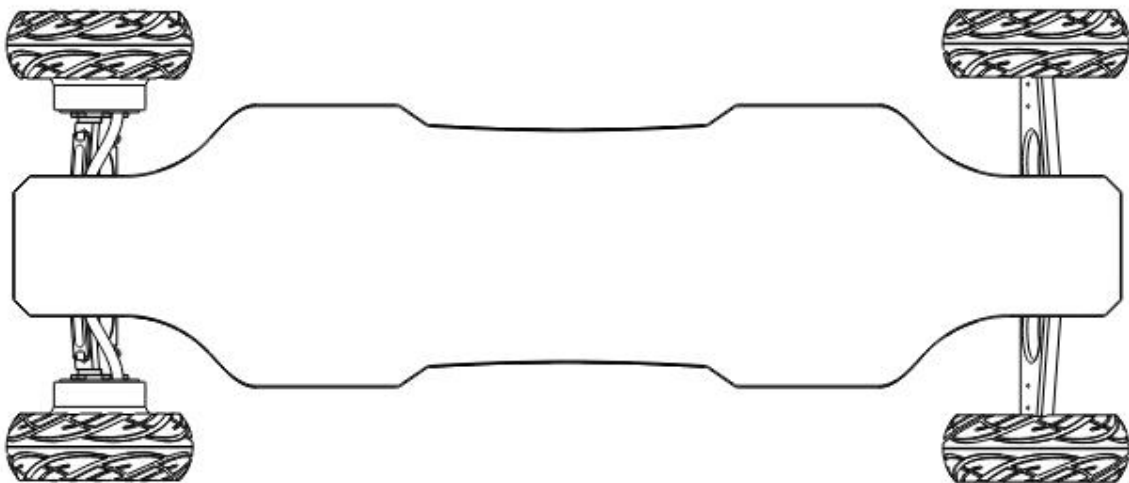


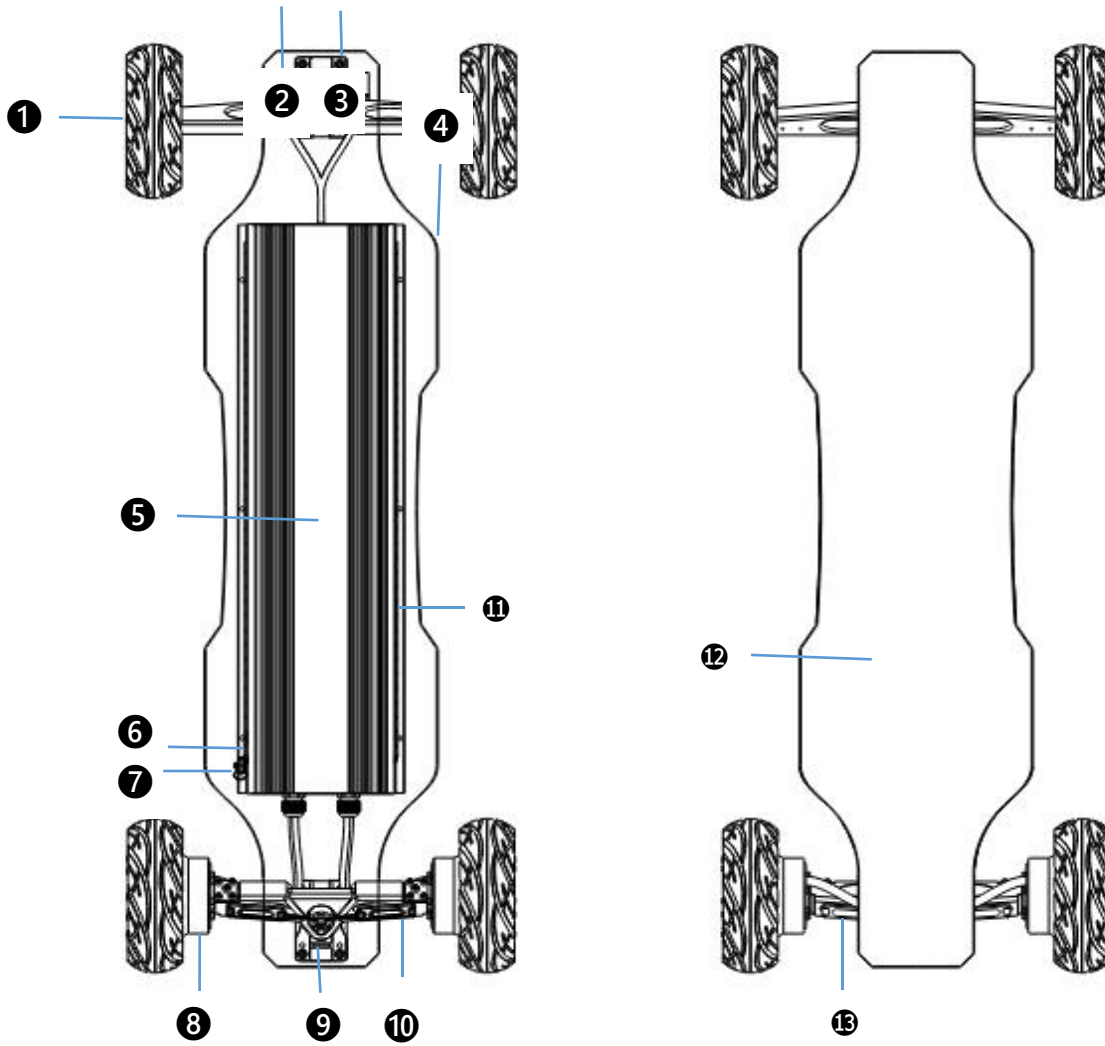


User Manual

ET Series



Skateboard Parts Diagram



- ① Front Wheels
- ② Front Headlights
- ③ Front Base
- ④ Front Truck
- ⑤ Battery Box
- ⑥ Power Button
- ⑦ Charging Switch

- ⑧ Rear Drive Wheels
- ⑨ Rear Base
- ⑩ Rear Truck
- ⑪ Side Ambient Lights
- ⑫ Deck
- ⑬ Tail Lights

Riding Safety

- Must be at least 16 years old to use; minors require adult supervision.
- Do NOT ride on motorized roads, slopes, wet/slippery surfaces, gravel roads, or deep water.
- When riding at high speed, gently brake to slow down first before hard braking to avoid ejection.
- Reduce speed when turning; independent suspension off-road skateboards are prone to rollover at high speeds during turns.
- Do NOT carry passengers, overload, or stand two people on the board.
- Do NOT ride under the influence of alcohol, drugs, or fatigue.
- Keep low speed when going up/down slopes; do NOT hold the brake continuously for a long time when going downhill (may overheat and fail).

First-Time Use

- Fully charge the battery before first riding.
- Practice acceleration, braking, and turning on an open flat ground until proficient before riding on roads.
- Use only 1st gear (low speed) for the first ride to get familiar with controls.

Brake Safety

- Brake levels: 4 = strongest, 1 = weakest; beginners recommended to use 2 - 3.
- Do NOT pull the brake to maximum instantly at high speed (may cause wheel lock and skidding).
- Brake power decreases when battery is below 10%; reduce speed accordingly.
- Keep away from mobile phones and high-power devices to avoid interference.

Steering Adjustment

- Heavier users may properly tighten the main truck nut clockwise to increase bushing preload.
- If wobbling, drifting, or unresponsive steering occurs during riding, stop immediately to check for wear, looseness, or aging of PU bushings and U-rubber parts; replace if necessary.

Battery & Charging

- Charge only in a ventilated, dry, room-temperature environment.
- Do NOT use while charging, expose to sunlight, or charge in rain.
- Stop use immediately if battery swells, overheats, or emits odor.
- Long-term storage: keep battery at 50 - 70% charge; recharge every 15 days.

Water Resistance

- **This skateboard is NOT waterproof or submersible!**
- **Do NOT ride through water, expose to rain, or rinse with water.**
- **Dry immediately if splashed; water intrusion into motor, battery, or wiring**

may cause short circuit and burnout.

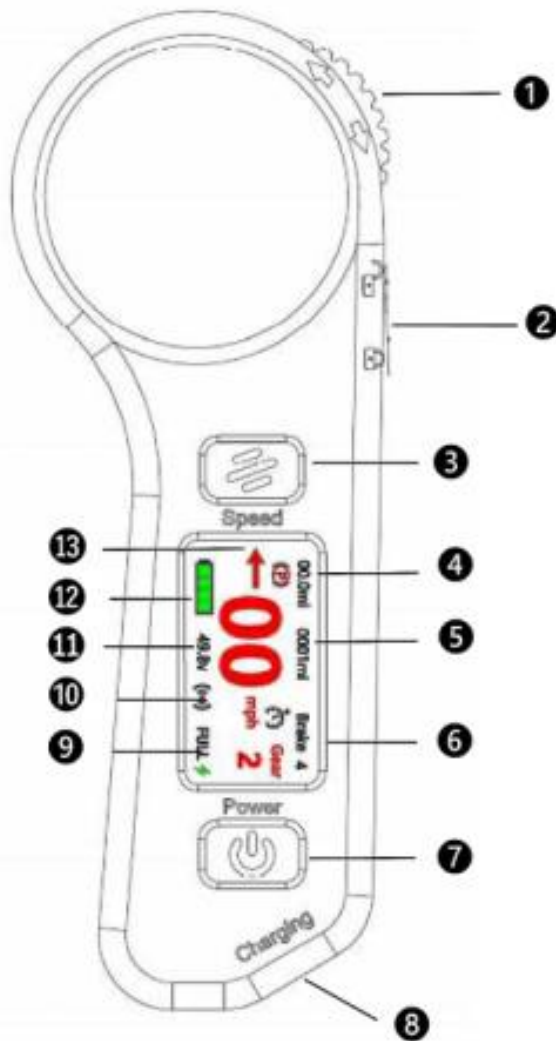
Modification Prohibition

- Do NOT disassemble motor, battery, or modify wiring or add accessories without authorization.
- Failures/accidents caused by modification are NOT covered under warranty.

Environment & Temperature

- Do NOT use below -10° C or above 45° C.
- Low temperature causes fast power drain and weak performance; high temperature damages the battery.

Remote Control Buttons & Display



- 1** Wheel (accelerate / brake)
- 2** Button Lock (enable / disable)
- 3** Function Key (gear switch / light control)
- 4** Trip Distance (current ride)
- 5** Total Mileage
- 6** Brake Level (current brake strength)
- 7** Power Button (remote on/off)
- 8** Remote Battery Level
- 9** Signal Indicator (remote-skateboard connection)
- 10** Skateboard Voltage
- 11** Skateboard Battery Percentage
- 12** Skateboard Direction (forward / reverse)
- 13** Type-C Charging Port

Remote Control Usage

Remote automatically shuts down after 30 seconds if not connected to the skateboard. If connected, it stays on until the skateboard turns off, then shuts down 30 seconds later.

Button Instructions

Button 7

Remote On/Off: Long press 7 for 3 seconds;

Forward/Reverse: Double-press 7 when remote is on;

Cruise Control: Short press 7 when accelerating; exit by braking or pressing the Power Button again.

Button 3 (Only usable when remote and skateboard are connected)

Lights On/Off: Long press 3

Speed Gear Switch: Short press 3 to cycle 1 → 2 → 3 → 4
Gear1: Low speed
Gear2: Medium speed; Gear3: High speed; Gear4: Sport high speed

Brake Strength Adjustment: Hold the wheel backward (brake position) and short press Speed key to switch brake levels 1 - 4.

Button 2

Lock: Toggle 2 to disable all buttons except brake (prevent misoperation).

Unlock: Toggle 2 again to restore all functions.

Parameter Adjustment (All parameters must be adjusted in the menu interface)

Dual / Four-Wheel Drive Adjustment: With the remote control powered off, press and hold Button 3 and Button 7 simultaneously to enter the menu interface. Toggle the scroll wheel to switch among AWD / FWD / RWD / 2WD modes. Press and hold Button 7 to save the setting and power off.

Unit Switching: In the menu interface, press Button 7 to move the cursor down to UNIT: kph/mph. Switch between kilometer and mile via the scroll wheel. Press and hold Button 7 to save and power off.

Screen Color Setting: In the menu interface, press Button 7 to move the cursor down to COLOR G1/G2/G3/G4. Toggle the scroll wheel to select your preferred screen color. Press and hold Button 7 to save the setting and power off. Repeat the operation to set the color for other gears in sequence.

Remote Control Charging

When the remote control is connected to the charger, a red lightning CHG icon will appear on the screen. It will change to a green lightning icon when fully charged.

Low Battery Protection of Remote Control:

Below 5% (<3.2V): Acceleration disabled; braking still works.

Below 1% (<3.0V): Remote shuts down automatically.

Note: Charge promptly when “LOW” red lightning appears to avoid over-discharging.

Skateboard Battery Level Display

4 bars: 100% - 75%

3 bars: 75% - 50%

2 bars: 50% - 25%

1 bar: 25% - 5%


0 bars: <5% — acceleration disabled, braking only

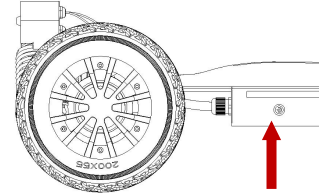


Notice: When only 1 battery bar is shown, please charge the skateboard promptly to prevent lithium battery damage due to over-discharge.


Skateboard Operation

Skateboard On/Off

Press the button  briefly. The power indicator stays steady on with a beep sound, and the skateboard powers on.



Remote On/Off

Press and hold the Power button  for 3 seconds. The display lights up, and the **10** signal indicator flashes. The skateboard indicator flashes in sync, which means the connection is successful.

Caution: Confirm direction before using the wheel; do not touch the wheel during connection (sudden movement may cause injury).

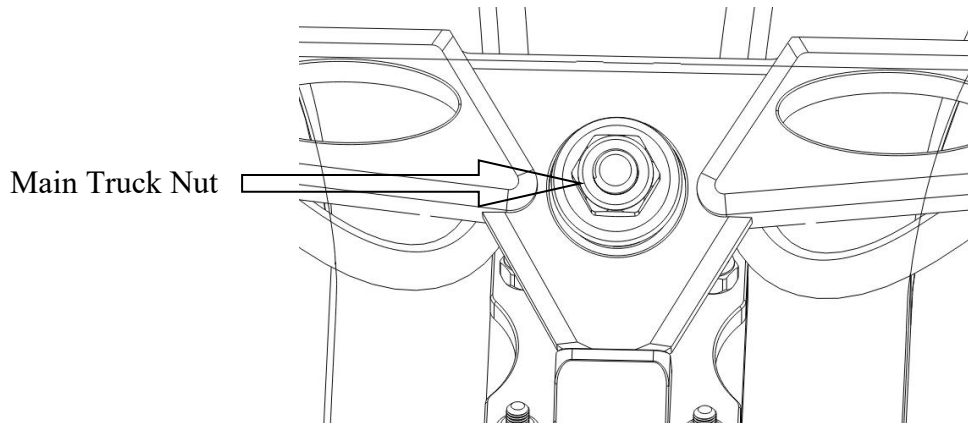
Pre-Riding Inspection

Always inspect the skateboard before riding. Do not ride if any issues are found until repaired.

- Check parts for deformation or wear
- Check for loose screws
- Maintain proper tire pressure
- Fully charge skateboard and remote
- Check for abnormal noise after power-on
- After power-on, gently toggle the scroll wheel to test acceleration and brake functions, ensure no stuttering or response delay.

Skateboard Riding & Maintenance

一、Riding Adjustment



Before your first ride, adjust the bushings according to your body weight to ensure optimal turning flexibility and riding stability. Insert the hex wrench into the main truck nut. Turn clockwise to increase the truck preload tension; Turn counterclockwise to decrease the truck preload tension.

Increase preload tension: Improves stability at high speeds but reduces turning flexibility.

Decrease preload tension: Enhances steering responsiveness but reduces high-speed stability.

二、Skateboard Maintenance

Regular maintenance and upkeep are required for the skateboard. Any component failure caused by lack of maintenance is **not covered under warranty**.

Skateboard Component Maintenance

- Keep the bearings clean to effectively eliminate abnormal noises and extend bearing service life.
- Faulty bearings will increase running resistance and reduce cruising range.
- Check all screws and nuts on the skateboard for looseness before each ride.
- Replace tires regularly to avoid tire blowout risks caused by severe wear.
- Clean and inspect gears periodically for damage; replace them when necessary.
- Clean the skateboard with a slightly damp cloth only. Do not use chemical cleaning agents.
- Check tire pressure regularly to ensure normal operation.
- Do not ride on waterlogged roads. If bearings get water accidentally, dry them

immediately. For motor-driven wheels, run the motor to dry internally; for driven wheels, wipe clean with a cloth then dry with hot air.

Battery Maintenance & Charging Safety

Battery Maintenance

If the skateboard will not be used for a long time, keep the battery charge level between 60% and 70%. If left unused for more than 15 days, perform a full charge and discharge cycle.

Notice: Battery failure due to over-discharge is not covered under the warranty.

Charging Safety

- Never leave the battery unattended while charging.
- If any abnormality occurs with the battery during charging, stop charging immediately and contact ECOMOBL customer support.
- Only use the original charger to charge the battery.
- Battery leakage may occur under extreme usage or temperature conditions.
- Battery fluid is corrosive and may cause chemical burns.
- If battery fluid contacts the skin, rinse immediately with soap and water.
- If battery fluid gets into the eyes, flush continuously with clean water for at least 15 minutes and seek medical attention immediately.
- Do not immerse the battery pack in any liquid.

Safety Warnings

- Always wear protective gear including a helmet, knee pads and elbow pads when riding.
- Abide by local traffic regulations and only ride in permitted areas.
- Check battery level, screws, tires, lights and brakes for normal condition before riding.
- Do not ride at high speed in heavy traffic or crowded pedestrian areas.
- Prohibit riding on high-risk surfaces: slippery roads, gravel roads, steep slopes and steps.
- Stop riding immediately for inspection if the device has malfunctions, abnormal noise, vibration or loss of control.
- Non-professional personnel are prohibited from disassembling core components such as the battery, motor and controller.
- In case of a fall, release the remote control immediately and protect your head and limbs first.