

## Greetings and Cautions

Thank you for choosing tomofree.

Before you use your tomofree it is important that you read this manual carefully. If there is anything you do not understand completely, please contact us.

Please observe traffic regulations, and do not lend your bicycle to anyone who is unfamiliar with it.

We recommend your electric bike only be used by a person aged fourteen years or older, always supervise children until they are competent riders.

When using any bicycle, it is important that you stay within safe limits; if you feel as if you are travelling too quickly, you probably are.

Always test your brakes prior to using the bike, and remember the bike will not stop as quickly in the wet as it would in the dry!

Always be careful of using the front brake when turning or on slippery surfaces as locking of the front wheel can be dangerous and result in falling off.

Before you use the bike for the first time, please make absolutely certain that it has been correctly assembled. In particular, you must make sure that the brakes, saddle, handle bars and any self assembled items have been fitted correctly and tightened.

Avoid consuming alcohol before you ride your electric bike. The use of alcohol greatly reduces reflexes and limits your ability to ride safely. The legal limit and penalties for operating a motor vehicle apply to cyclists.

If you need to replace your battery, please dispose of it properly.

Above all, enjoy your tomofree journey, happy cycling!

## Package Check

Bike



Tool Kit



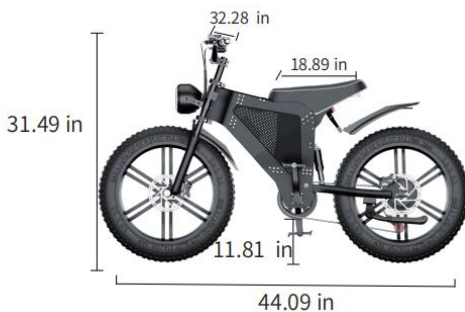
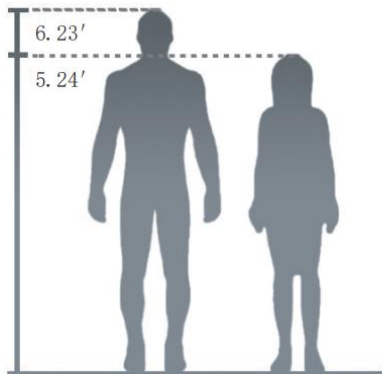
Charger



Please carefully check whether the items in the packing box are complete and intact. If there is any problem such as missing or damaged, please contact online customer service

# MT01 Parameter

Model	MT01
Color	Black
Bike Frame	6063 aluminum
Tires	20" x 4" fat tires
Department	Adult
Total Battery Capacity	960 Wh Lithium
Motor	Brushless Geared Hub Motor
Waterproof Rating	IPX54
Motor Driven	Rear drive
Number of Speeds	5
Gradeability	30°
Voltage	48V
Battery Capacity	20Ah
Motor Power (W)	1200W Nominal
Charging Time	4-6 hours
Weight (lb)	55 lb
Carrying Capacity	220 lb
Range	45 Miles
Max Speed	31 Miles/Hour
Brake	180MM hydraulic disc brakes
Brake Lever	Aluminum alloy comfort grip levers with motor cutoff switch
Braking Distance	16ft (Downhill) /10ft (Flat) 3 ft (Uphill)
Gearing	Shimano 14-28T
Front Fork	Alloy front suspension fork with lockout and adjustment
Front Light	48V LED light
Crank	170mm forged alloy
Kickstand	Heavy duty aluminum
Pedal	Alloy pedal
Rear Light	Integrated taillight
Item size	31.49H*32.28W*44.09H inch
Packing box size	67*31.5*43 inch



## Learn to Assembly



1. Open the carton and take out the product



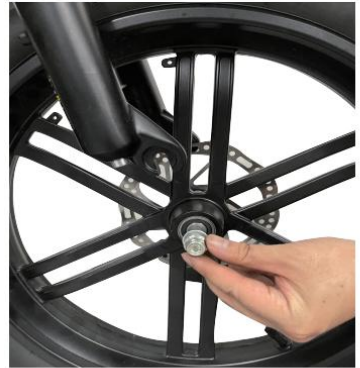
2. Take the main screw and plate off for later use to fasten the handle bar.



3. Align the handlebar and fasten it with the main screw and plate.



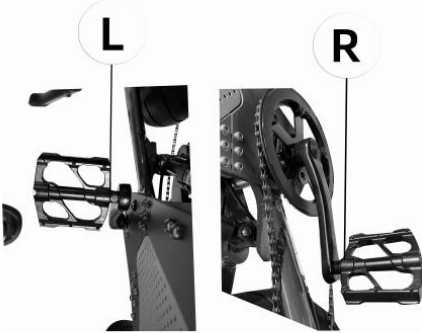
4. Align the front wheel into the front forks. Install the axle of front wheel to fix the wheel.



\* Make sure the two spacers are located on the outside of the fork joints.



5. Install two pedals.



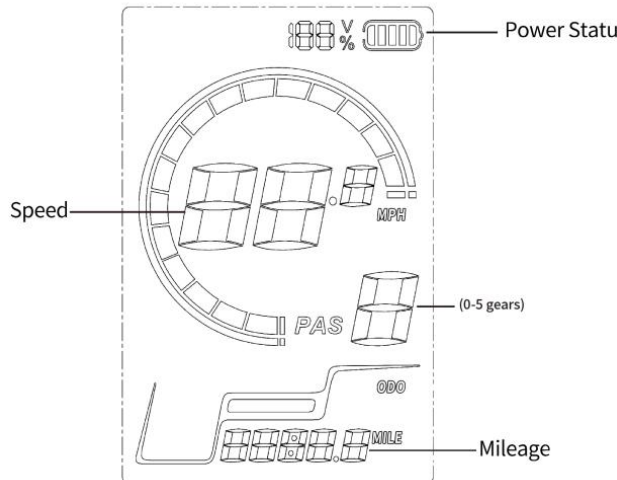
6. Adjust the handlebar perpendicular to the frame and fasten screws.



7. Fasten the display screen.



## Dashboard and cycling mode



## Learn to Drive

### On/Off



1. Turn the key and long press the key "M" for 2 seconds to start the motor.

2. Short press + to increase the gear, the higher the gear, the faster the speed.

3. Short press - to low the gear, the lower the gear, the slower the speed.



### Battery and Charging

- Turn off the bike before connecting the battery charger.
- Recharge your battery after every use if possible.
- Recharge your battery every month even if you are not using the bike.



\*\*\*More Maintenance on Battery, please go to the section of Maintenance.

## Battery Capacity Meter, Riding Style and Affect on Range

- The range of the scooter (distance covered between recharging of the battery) is greatly influenced by the weight of the rider, the road and temperature condition and the use of the throttle.
- The battery capacity indicator is provided to give an approximation of battery capacity remaining. However, this indicator relies on sensing battery voltage that will rise and fall depending on the amount of power being demanded at any given time, ambient temperatures etc, hence the meter should only be used for indication purposes.
- Under heavy power situations (full throttle condition) the battery voltage will temporarily dip resulting in the capacity meter showing a lower level of charge. When the heavy power usage is reduced, the capacity meter will rise again as the battery naturally recovers its voltage.

## Maintenance

**IMPORTANT!** Do not attempt to open the casings of the battery, motor or controller. It could be dangerous and all warranties will become void. If you experience a problem, contact our service department or your FreegoEV retailer.

## Warranty

- \* The loss of the battery during normal use is not covered by the warranty.
- \* For more detail replacement terms please consult your seller.
- \* It is recommended that you keep the box for 30 days, because if you need to send the electric scooter back for inspection or repair, the outer box must be used.



## Brakes YouTube

- **Brake levers** should lock the wheels when compressed half way between their open position and touching the handle bars.

- Regularly inspect the brake pads for wear. If the brake pads have reached the wear limit of 1mm, replace them immediately.

Steps: remove the caliper from the fork leg, complete with the mount adapter by removing the Allen caliper fixing screws. The pads can then be removed by removing the split pin (which passes through the tabs of the brake pads) Then lift the pads complete with the spring out of the rotor slot in the caliper body.

**Warning!** Do not loosen any other screws on the caliper. To refit the pads, hold the pads complete with spring as an assembly and insert into the caliper slot with the metal backing towards the pistons. Refit the pad retaining split pin ensuring it passes through the holes in the pad tabs and through the hole in the spring and bend one side of the split pin to secure it in place.

Refit the caliper loosely using the Allen screws, apply the brake lever and tighten securely whilst continuing to apply the brake lever.

### **Warning!**

If you are unsure about any part of the brake installation process you should seek advice from a qualified mechanic.

### **Caution!**

- The pads and motor must be kept clean and free from oil. If the pads become contaminated, you must discard them and replace them with a new set.
- A contaminated disc should be cleaned with a proprietary brake cleaning solution.
- Mechanic brake is fitted to the front wheel of all batches of FreegoEV MK00.
- Hydraulic brake is fitted to the rear wheel, you need to check the brake oil level and add mineral oil sometime.

## Rims and spokes

- It is essential to have your spokes checked and tightened after 500 km. Just tap them with a pen or pencil you will quickly tell if any are loose. Handlebar and saddle tubes should never be raised beyond the maximum permissible, indicated by a safety line around the tubes.



# Battery Maintenance

**IMPORTANT!** All lithium batteries need to be looked after to ensure years of full use. Following these easy steps will ensure the long life of your battery. If your battery is damaged due to being left discharged, or not recharging when advised as per this manual your battery is not covered by our warranty.

## Battery Endurance

- You do not have to "condition" your battery by charging and discharging before it's first use. This was the case with old lithium ion technology but is not necessary on modern batteries.
- Recharge your battery after every use if possible. Keeping your battery charged extends its life and your bike is always ready to go.
- Never leave your battery completely discharged for more than 24 hours. Voltage dropping below minimum for any length of time will cause serious damage to your battery cells.
- Recharge your battery every month even if you are not using the bike. Most lithium batteries will continue to discharge even when the bike and battery are turned off. If your battery falls below minimum Voltage, it may not be recoverable.
- For best results, always recharge and store the battery at room temperature.

## Battery safety

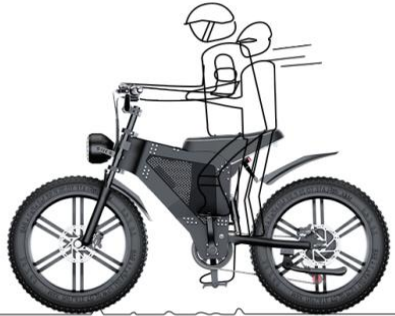
- Never leave a battery connected to the charger or mains power over-night.
- When leaving your bike during hot weather, always leave in a shaded well ventilated area.
- Do not recharge in damp conditions or in temperatures less than 0 °C (32 °F ) and never expose the bike or battery pack to fire, heat sources, acid or alkaline substances.
- Never open a battery case, try and fix the battery. or use other brands battery for self update is not supported (You should be responsible for that).
- If a battery is, or appears to be damaged or overheating for any reason, do not use the battery any more.

## Recharging your battery

- Before charging, make sure the battery lock is turned off and connect your battery to the charger at the charging socket. Plug the charger into a mains socket and turn on the mains socket.
- A red lamp will light up on the charger indicate the battery is charging. When the red light turns green, the battery is fully charged. To optimize battery life, leave the charger connected for a further hour and then turn off the charger.

- Do not leave the charger connected to the mains when not in use.
- Before disconnecting the charger from the battery, disconnect the charger from the mains first.
- It is possible that the battery will take up to six hours to charge on the first three charges.

## Safety Instructions



**⚠** When encountering deceleration belts, potholes and other unusual roads, do not pass at high speed. Bend your knees slightly to better adapt the above complex pavement.

**⚠** It is forbidden for more than one person to drive an electric scooter at the same time or with children.



**⚠** Do not accelerate when going downhill, and brake in time to slow down when you encounter a steep slope, you need to get out of the scooter and push through. Do not ride at risk.

**⚠** If you encounter a steep slope when going uphill, do not speed up get off and push through, and do not ride at risk.

## Warranty

Part Name	Service Term	Scope of Warranty	Handling Method
Motor	12 months	Quality issues & Performance Failure	replacement
Battery	12 months	1-Month Quality Issues	replacement *
Controller	12 months	Performance Failure	replacement *
Frame	12 months	Quality issues	Repair / replacement
Charger	6 months	Performance Failure	replacement
Meter/Screen	3 months	Performance Failure	replacement
Tires	3 months	Quality issues	replacement
Others	1 month	Quality issues	replacement

### The following conditions are not covered by the warranty.

1. Please follow the traffic rules for normal use. This product is not allowed to be used off-road and to cross steps with a height of more than 5CM.
2. The body of the vehicle contains electronic parts, please do not use it in rainy weather.
3. Due to force majeure reasons such as typhoon, flood, fire, earthquake, war, etc.

\*Please be aware that if you update the product by yourself, like removing speed limit or changing the controller factory setting, we are not responsible for the warranty. Please follow the battery maintenance guidance, otherwise the battery performance would be compromised.

**\*\*Please contact the seller from where you purchased our tomofree product (Amazon/eBay/Other Platform reseller) directly for the warranty.**

If you want we as the brand to help you follow up the case, please message the seller/reseller first and send (service@tomofree.com) the screenshot of your order (with store name, order number and order time), store URL link of your purchase and shoot a video narrating your situations and please be rest assured that we as the brand are there with you connected till we get this.

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# TOMOFREE



## MT01 User Manual

We strongly recommend that you read this entire manual before using your electric bike