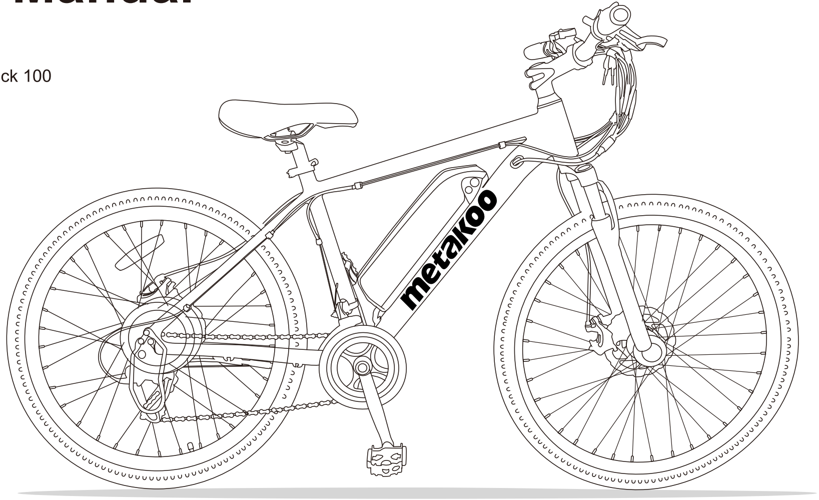
材质：105g铜版纸 尺寸：210 x 145 mm

metakoo

User Manual

E-Bike

Model:Cybertrack 100



印刷：单黑　　装订：骑马钉

Thank you for your purchase of the METAKOO Cybertrack 100 E-Bike!

METAKOO Cybertrack 100 fuses a traditional pedal bike with all-electric power to create a ride unlike anything else. With the METAKOO Cybertrack 100 E-Bike, hills seem flatter. Your city feels smaller. Frustrating commutes become fun-filled joyrides. So charge up your new E-Bike and recharge your love of riding.

To ensure your safety and the safety of others, please read and follow the guidelines in this user manual carefully and thoroughly before and during riding. If you find any damage or dissatisfaction after receiving the product, you are welcome to contact us as soon as possible, and we will provide you with a 100% satisfactory solution.

Happy Riding!
The METAKOO Team
Support@metakoobike.com

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Make Friends with Same Hobbies in the World!

注：封面封底背面不印刷

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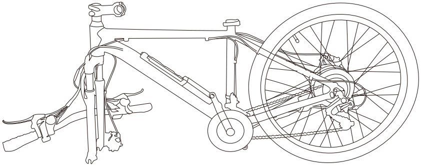
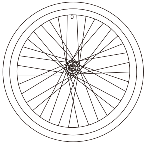
Section 1. General Information

1.1 What’s In the Box ?

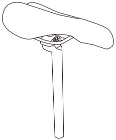
1×Bike frame with the rear wheel
1×Wheel
1×Saddle
2×Pedal
1×Disc brake
1×Quick release
2×Reflector
1×Rear derailleur protecting rack
1×Charger
1×Battery
6×ScrewM5*8.5
2×ScrewM5*10
5×Tool
1×User’s Manual
1×Greetingcard



1× Bike frame with the rear wheel



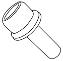
1× Wheel



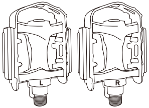
1× Saddle

GREETING
CARD

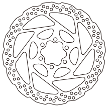
1× Greeting card



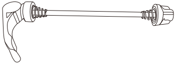
2× ScrewM5*10



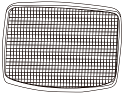
2× Pedal



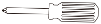
1× Disc brake



1× Quick release



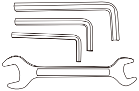
2× Reflector



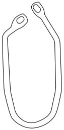
2-in-1 screwdriver

User’s
Manual

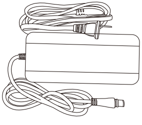
1× Manual



5× Tool

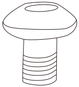


1× Rear derailleur protecting rack



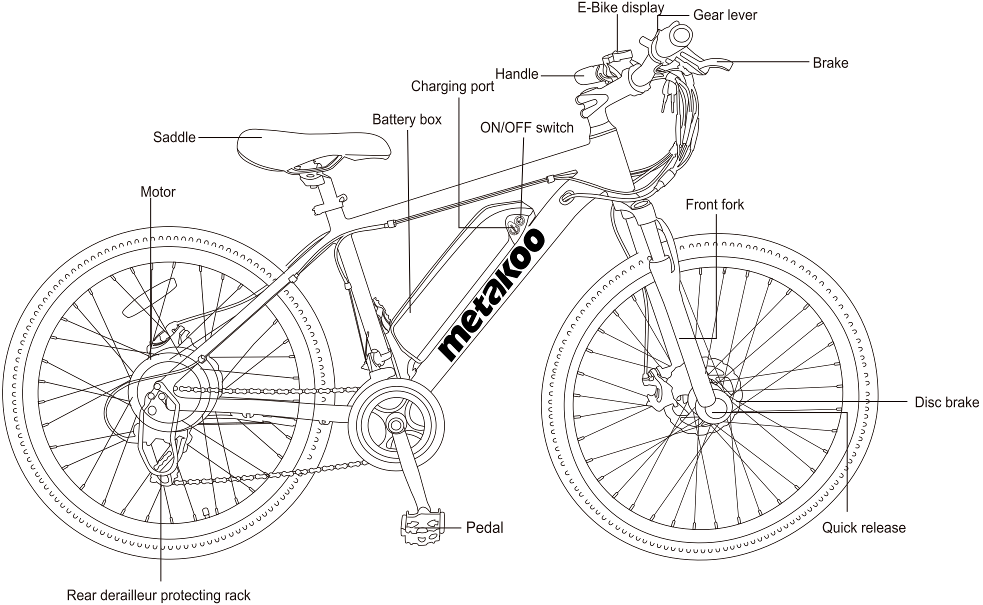
1× Charger

1× Battery



6× ScrewM5*8.5

1.2 Product Overview



Section 2. Installation Steps

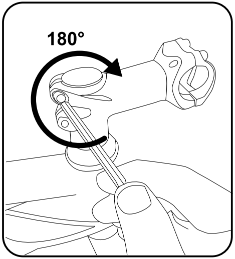
ATTENTION: Do not install the battery and start the meter before it is fully assembled.

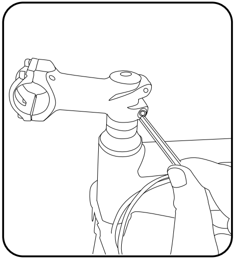
NOTE:

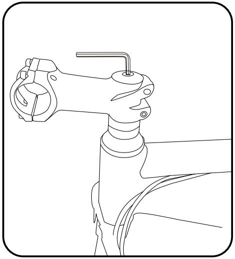
- Before operating your E-Bike, please read all instructions in the manual and follow the steps and descriptions carefully. This manual will guide you through the installation, functions, operation and proper maintenance of your METAKOO Cybertrack 100 E-Bike.
- Before assembling, check that all parts are complete and in good condition. If you have any questions or cannot find the information you need in the manual, please contact at Support@metakoobike.com. Before contacting customer service, please have your purchase information ready as this may be inquired.

Step 1. Adjust the stem

- Turn the stem of handlebar 180 degrees so that it’s facing forward.
- Fasten the 2 bolts that already on the stem to secure the handlebar in position.

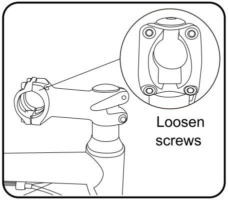


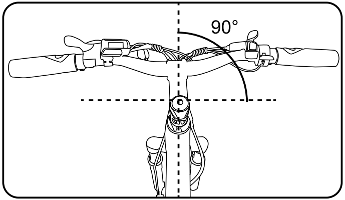


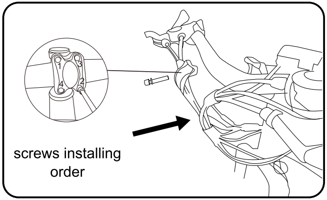


Step 2. Install the handlebar

- Loosen the 4 bolts on the stem to remove stem cover
- Rotate the handlebar so that it’s 90 degrees from the wheel and frame
- Put on the stem cover and tighten the 4 screws in order

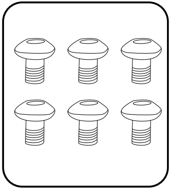


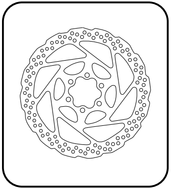


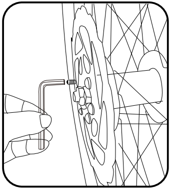


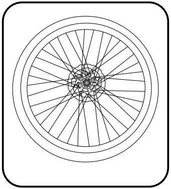
Step 3. Install disc brakes for front wheel

- Align the disc brake with the wheel
- Make sure all of the 6×Bolts M5*8.5 are inserted and the disc brake is tightened with the correct size allen wrench









Step 4. Assemble and install the front wheel

- Take out the wheel and the quick release skewer. Note that there are two cone springs on the quick release skewer.
- Open the lever and unscrew the thumb nut from the quick release.
- Insert quick-release skewer with each cone spring on both sides into the wheel and pre-fasten thumb nut.

⚠ **Quick release thumb nut to be at the same end as the disc brake.**

Both cone springs should point in toward the wheel hub.

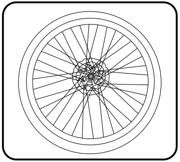
Keep the lever open and thread on the thumb nut a couple of turns leaving enough room for the fork dropouts.

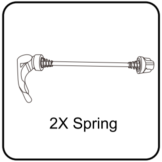
- Lower the front fork onto the front wheel. The brake rotor should go into the brake caliper in between the brake pads and the axle should enter the fork dropouts fully.

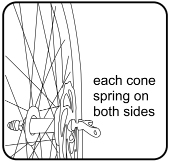
⚠ **Check the wheel is fully seated in the dropouts.**

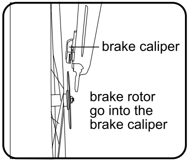
- Hold the quick release lever in line with the axle and tighten the thumb nut until the lever can stay in parallel to the floor without being held. Use the palm of your hand to close the lever fully without touching the brake rotor.

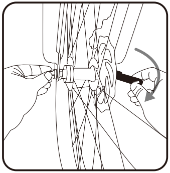
⚠ **The quick release lever secures the front wheel to the bike so it's important that the thumb nut is tight enough so the closed lever has adequate clamping force and keeps the axle and wheel firmly in place.**

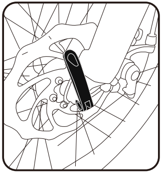


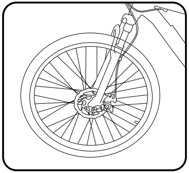






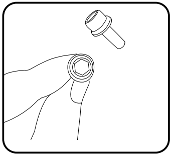


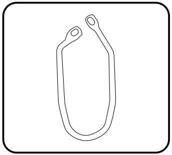


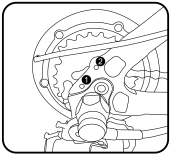


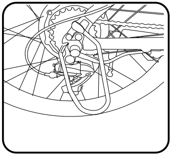
Step 5. Install rear derailleur protecting rack

- Take out the 2 Bolts M5*10 from the box
- Align the rear derailleur protecting rack to the screw holes ① ② of the rear wheel, and then fasten the 2 Bolts



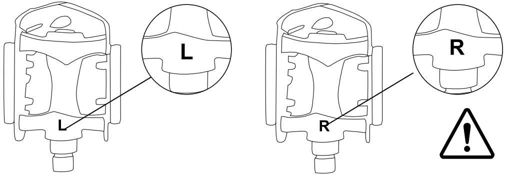




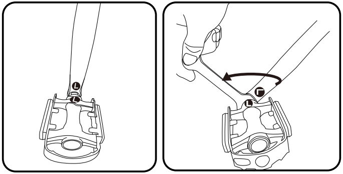


Step 6. Install pedal

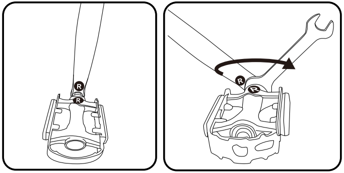
- Look for the ‘R’ or ‘L’ labeled at the threaded end of the pedals to identify the correct side
- Hand tighten at first. Right pedal tightens clockwise. The left pedal tightens counterclockwise
- Completely tighten the pedals with a pedal wrench or a open-end wrench



⚠ When installing,
L to L,R to R



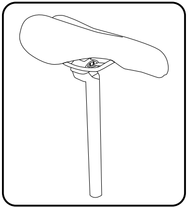
L

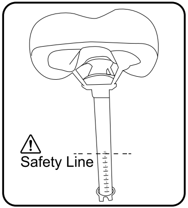


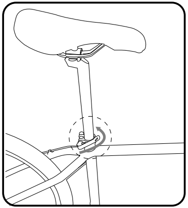
R

Step 7. Install the saddle

- Open the clamp under the seat post. Pull the seat up or push it down to adjust height
- Close the clamp to secure the seat in place. Do not raise the saddle higher than the safety line



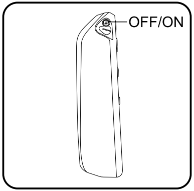


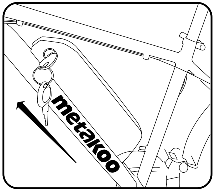


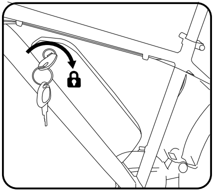
Step 8. Install the battery

- Insert the battery into the middle frame. Turn the key to the locked position
- To unlock the battery, insert the key, and turn it to the unlock position to pull the battery out

⚠**Check whether the battery switch is turned on every time you ride**



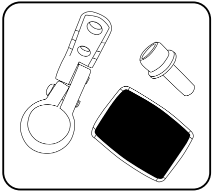


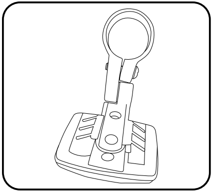


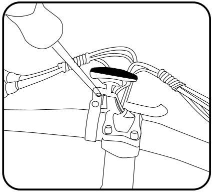
Step 9. Install Front Reflector

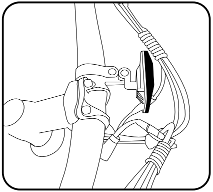
- Take out the white reflector and 1× screw M5*10
- Install the reflector on the handlebars
- Tighten the screws with suitable tools and complete front reflector installation

Note: The screwdriver included in the package is 2-in-1. You can remove and change the screw head and use a Phillips screwdriver to complete the installation.



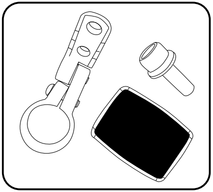


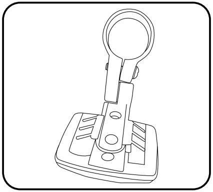


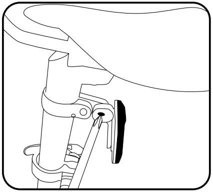


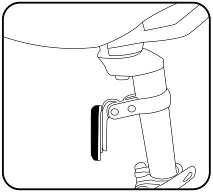
Step 10. Install Rear Reflector

- Take out the red reflector and 1× screw M5*10
- Install the reflector on the saddle tube
- Tighten the screws with suitable tools and complete Rear Reflector installation









Section 3. Charging the Battery

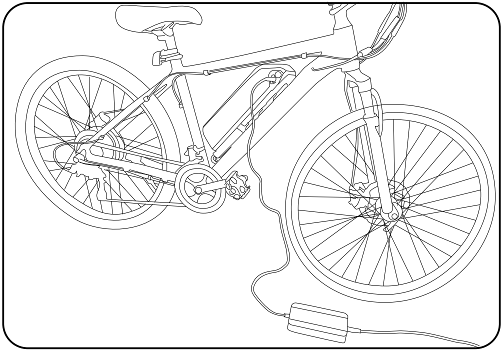
3.1 Charging Instructions

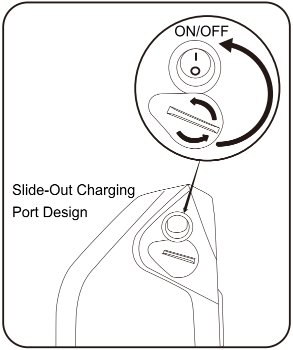
Charge the E-Bike before operating it. It typically takes about 3 hours to fully charge the battery.

Step 1. Make sure the bike is turned off and check the connection of charging cable and power adapter.
Step 2. Plug the charger into a wall outlet (100V-240V) then plug the other end into the charging port on the E-Bike. Remove the cap as needed.
Step 3. Allow about 3 hours for charging. The power adapter’s light will turn red during charging and then turn green once charging is complete. Disconnect all cables once charging is completed.

For your convenience, the battery can also be charged while detached from the METAKOO Cybertrack 100 E-Bike.

⚠ **The battery has a non-discharge function during charging, that is, the electric bike cannot be started during the charging process. Therefore, the meter cannot be used during the charging. You can check the battery level by observing the charger's indicator or by pressing the button on the battery compartment.**





NOTE:

- Fully charge the battery before your first use, this may take up to 3 hours.
- Perform periodic visual inspection on the battery ports and charging cables.
- Keep your charging environment clean and dry at all times.
- If the charging port is damp or has any liquid on it, do not charge your E-Bike.
- In order for the battery to operate at its maximum efficiency, avoid charging your E-Bike in extremely hot or extremely cold environments.

ATTENTION:

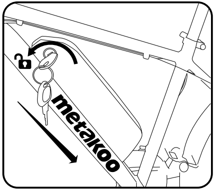
- DO NOT use the bike while it is charging or connected to the charger under any circumstances.
- The charging time is 3 hours. Charging longer than that may affect battery life and/or performance. If the charging adapter's light doesn’t turn on, it may not be fully connected. Check that it is securely connected to the wall and to the bike.
- Use only the charger provided with your Cybertrack 100 E-Bike. If you have lost or misplaced your charger, contact customer support to obtain a replacement.

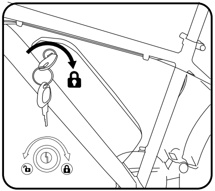
3.2 Battery Security Lock/Removal

For your convenience and security, the METAKOO Cybertrack 100 E-Bike's battery is removable and locked to the frame as needed

Step 1. To unlock the battery, insert the key, and turn it to the unlock position to pull the battery out.
Step 2. To reinstall the battery, reinsert it into the frame. Turn the key to the locked position.

⚠ **Remember to lock the battery and remove the key before riding the bike.**



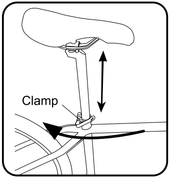


Section 4. Riding Your E-Bike

4.1 Adjusting the Seat Height

Positioning the seat to the right height is key for better pedaling, safety and overall comfort. The rider’s leg length is used to determine the seat’s position. When pedaling, your hips should remain level and your legs shouldn't over-extend. To determine the right seat height, sit on the E-Bike with one pedal at its lowest point and place the ball of your foot on the pedal. If your knee bends slightly at this position, the seat is at the right height. Additionally, when placing your heel on the pedal, your leg should be nearly straight.

Open the clamp under the seat post. Pull the seat up or push it down to adjust the height. Check to make sure the seat post is fully inserted into the frame and the head of the seat is parallel with the frame. Lastly, close the clamp to secure the seat in place.

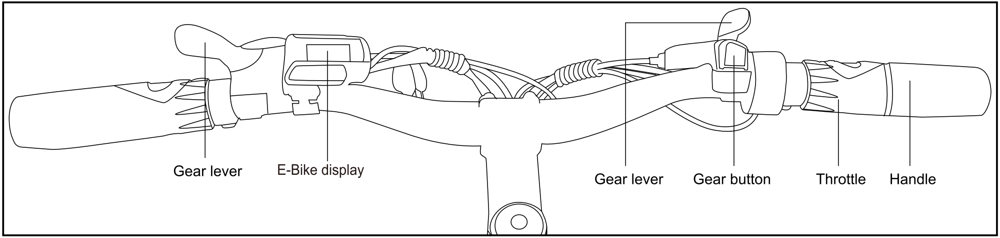


4.2 How to Ride

Riding Modes

Pure E-Bike - Turn on LCD smart display, speed modes (0-5), speed controlled by turning the throttle
Assisted Bike -Turn on LCD smart display, speed modes (1-5), and pedal at the same time
Normal Bike -Turn off LCD smart display and pedal like a normal bike

Speed Modes	Pure E-Bike	Assisted Bike
0	√	×
1-5	√	√
Display OFF	×	×



- Fully charge the battery and check that the battery switch is on before riding.
- Start your E-Bike by pressing and holding the power button ~2s. Assisted mode will be on whenever power is on and speed modes 1-5.
- Move forward by twisting the throttle. Max. Speed (under pure E-Bike mode) is 20 mph / 32 km/h.
- Switch between 3x7 gears by pressing the gear button or pushing the gear. Gear Button only shifts gear up.
- To stop, release the throttle, then squeeze the brakes lever to slow the front and rear wheels down.

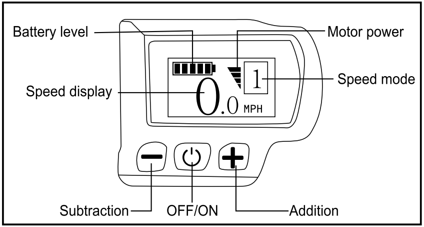
4.3 Buttons Information

The METAKOO Cybertrack 100 E-Bike's display features several different elements.

— : Quick-press to switch modes from high to low speed.

⏻ : Press and hold for ~2 seconds to turn the E-Bike on/off.

+ : Quick-press to switch between speed modes from 0 to 5 speed.



4.4 Display Information

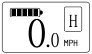
Battery level: This icon indicates how much battery life you have left.

Speed display: This icon indicates current speed, as measured in mph.

Motor power: This icon indicates how much motor power during riding.

Speed mode: This icon indicates the level of electric bicycle assistance.

▭ Battery needs to be charged



"H" flashing, motor overheat protection

⚠ **When going uphill for a long time, it is recommended to use pedal mode, not pure electric, otherwise it will overheat alert.**

Section 5. Safe Riding Techniques & Tips

Consider the following techniques and info to help ensure you have a safe, fun riding experience. Before riding, always check to make sure your brakes are working properly.

⚠ **ATTENTION:**

Wear a qualified helmet and other protective equipment to reduce any possible injuries.

Helmets can reduce 85% of critical head injuries.

Elbow pads can reduce 82% of elbow injuries.

Knee pads can reduce 32% of knee injuries.

NOTE:

- Make sure your feet are always on the pedals. Make sure both hands on the bike handle at all time when riding. Taking your feet off the pedals while riding is dangerous.
- Do not use the E-Bike to perform dangerous maneuvers. Failure to exercise good judgment and heed the above warnings increases the risk of serious injury or, in very rare cases, death. Use with appropriate caution and serious attention to safe operation.
- Make sure the battery is fully charged, especially if you plan to travel long distances.
- For your own safety and the safety of others, follow the speed limit and ride only at speeds you are comfortable with and be ready to stop at any time.
- Keep a safe distance from fellow riders to avoid collisions.
- Pay attention to your surroundings. Your eyes are your best tools for safely avoiding obstacles and unsafe surfaces.
- Ride in open spaces and flat areas. Avoid slopes or high traffic areas until you’re familiar with riding.
- Do not ride at high speeds, on uneven terrain, in inclement weather, or otherwise unsafe conditions.
- Never use the E-Bike to do anything that may cause personal injury or property damage.
- Do not attempt to carry passengers or heavy items. The bike can only support the weight of one person at a time. Do not exceed the weight limit.
- Only ride the E-Bike where permitted. You MUST comply with local laws and yield to pedestrians.

WHEN WAITING FOR THE TRAFFIC LIGHT FOR A LONG TIME, PLEASE ADJUST THE SPEED MODE TO 0, OR HOLD THE BRAKE TO AVOID STEPPING ON THE PEDAL TO START THE ELECTRIC BICYCLE.

5.1 Before Your First Ride

Before each ride, check whether the quick-release screws and saddle are loose and whether the brakes are effective.Inspect gears, examine brakes and check tire pressure. Proper tire inflation can reduce flats and improve performance, including travel distance per charge.
Check if the battery is fully charged before a long journey.

5.2 Routine Bike Inspections

Routine inspections before and after every ride will help you maintain optimal bike performance and catch potential problems before they turn into safety concerns. Regularly check brakes, seat and tire pressure.

5.3 Semi-Annual Bike Mechanic Inspections

Bikes require regular maintenance. Take your bike in to your local bike shop for a tune-up twice yearly. Complex components should always be inspected, serviced and adjusted by experienced mechanics.

Section 6. Maintenance

Do not perform any kind of maintenance while the E-Bike is powered on or charging.

Before each ride, check whether the quick-release screws are loose and whether the brakes are effective.

Check the handlebars and screws once a week, and charge at least once in three months.

6.1 Battery Maintenance

- Do not store or recharge the battery exceed the specified temperature range 20°C-25°C / 68°F-77°F. Do not pierce the battery. Refer to local laws and regulations on battery recycling and/or disposal.
- A well-maintained battery can perform well even after riding for high mileages. Recharge the battery after each ride to prevent the battery from draining completely. When used at room temperature (70°F [22°C]), the battery range and performance are at its best; however, using it at temperatures below 32°F (0°C) will reduce the range and performance. Generally, the range of -4°F (-20°C) can be as low as half of the same battery at 70°F (22°C). When the temperature rises, the battery life will be restored.

NOTE:

Generally, a fully charged battery can maintain power for 90 days in standby mode. The low-power battery can maintain power for 30-60 days in standby mode. Remember to charge the battery after each use. Draining the battery may cause permanent damage to the battery. The electronics inside the battery records the charge and discharge of the battery; damage caused by over-discharge or under-discharge is not within the limited warranty.

⚠ **ATTENTION:**

- Do not attempt to disassemble the battery. Risk of fire hazard.
- When the ambient temperature exceeds the machine operating temperature (see specifications), do not ride, because low/high temperature will limit the maximum power/torque. Doing so may cause personal injury or property loss due to slips or falls.

6.2 Cleaning

Proper cleaning of your E-Bike can guarantee a longer lifespan and a smooth riding experience.

Before cleaning, make sure that the power has been turned off and the charging cable has been unplugged, otherwise, you may damage the electronic components.

- Wipe the outer body of your E-Bike with a soft, dry microfiber cloth.
- Check around the wheels and ensure there is no blockage. The E-Bike's design allows for easy wheel maintenance.

- The E-Bike meets IPX4 water-resistance, meaning it can withstand splashes; however, do not submerge the E-Bike in water.
- Do not let water and liquids get into the E-Bike’s electric parts or battery.

NOTE:

Do not use alcohol, gasoline, acetone, or other corrosive/volatile solvents to clean the bicycle. These substances may damage the appearance and internal structure of your bicycle.

6.3 Storage

Below are some tips to consider when storing your METAKOO Cybertrack 100 E-Bike.

- Before storing, fully charge the E-Bike to prevent battery over-discharge due to non-use.
- If storing the E-Bike for more than one month, discharge and recharge the battery at least once a month.
- Cover the E-Bike to keep dust out. Do not store in a dusty environment as this may cause damage over time.

NOTE:

Store your bicycle in a cool and dry place. Do not store it outdoors for too long. Exposure to sunlight and extreme temperatures (whether hot or cold) will accelerate the aging process of plastic parts and may reduce battery life.

6.4 Disposal at End-of-Life

This product must not be disposed of by incineration, landfilling, or mixing with household trash. Improper disposal of the battery contained within this product may result in the battery heating up, rupturing, or igniting which may cause serious injury.

The substances contained inside the battery present chemical risks to the environment. The recommended disposal for any METAKOO product at its end-of-life is to dispose of the entire unit at or through an e-waste recycling center, program, or facility.

Local regulations and laws pertaining to the recycling and disposal of lithium-ion batteries and/or products containing them will vary according to country, state, and local governments. You must check laws and regulations corresponding to where you live in order to properly dispose of the battery and/or unit.

It is the user’s responsibility to dispose of their waste equipment properly with accordance with local regulations and laws.

For additional information about where you should drop off your batteries and electrical or electronic waste, please contact your local or regional waste-management office, your household waste disposal service.

Section 7. Specifications

ITEM	Parameters
Model Name	Cybertrack 100
Net Weight	46.3 lb. / 21kg
Product Dimensions	67x24x39 in. / 1700x620x1000 mm
Package Dimensions	52.7x9x28 in. / 1340 x 240 x 710 mm
Max. Incline	10° (rider weighs 100kg)
Max. Capacity	308 lb. / 140 kg
Max. Speed	20 mph / 32 km/h
Range	18.6-31 miles / 30-50 km
Motor	350W
Battery Voltage	36V 10.4 AH
Charge Voltage	90-264V
Wheel Size	26 in.
Charge Time	3 hours
Water Resistance	IPX4
Storage temperature	20°C-25°C / 68°F-77°F
Operating temperature	-4°F-140°F /-20°C~60°C
Charging temperature	32°F-104°F / 0°C-40°C
Warranty	1 Year Limited

One-Year Limited Hardware Warrant

Your METAKOO Cybertrack 100 E-Bike includes a One-Year Limited Hardware Warranty. The Warranty covers product defects in materials and labor cost under normal use.

METAKOO offers warranty of Frame with 12 months. As per any problem regarding to manufacturing process and material defects, which includes product breakages during the riding (except riding improperly).
METAKOO offers 12 months Battery and Motor Warranty. But this warranty does not cover faulty operation or failure to properly follow the manufacturer's instructions.

All other parts except consumable parts are guaranteed for 12 months for problems caused by manufacturing process or material defects. For instance: brake blocks, brake pads, brake handles, tires, and brake tubes are consumable parts.

Note:

Appearance accessories and consumables are not after-sale if they are damaged. The consumables including inner tubes, outer tires, and car pieces are not guaranteed. Precautions the following situations are not quality issues and do not apply to this warranty.

1. Failure caused by not following the instruction manual.
2. Normal wear and tear, accident, abuse, neglect of care, improper assembly, or incorrect parts maintenance and incorrect use of accessories by any user.
3. It is a part that will naturally wear out under normal use, and it is not applicable to those who are free of charge during the aforementioned warranty period.
4. Failure to perform proper replacement and maintenance due to wear and tear of consumables, causing other parts to malfunction and damage.
5. The warranty card does not match or alter the model of the car.
6. Damage caused by overloading, riding over obstacles (including but not limited to descending steps, falling, etc.), performing extreme sports, etc.
7. Damage caused by force majeure (such as: fire, earthquake, lightning, water damage, etc.).
8. Those who exceed the warranty date.

METAKOO offers warranty to the original purchaser of the Product and this warranty does not applied to any third parties.

Contact Info: Support@metakoobike.com
Website: metakoobike.com

METAKOO Facebook

METAKOO YouTube

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