

# E-bike operation instruction

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**STM-F07**

This is a precision instruction ,please make sure you read this carefully before you try your first ride.  
If you doubt about any information inside this insturction,please contact us or your local distributer .

# 1.Warning!

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Please, pay attention to the following safety advices, in order to enjoy a safe driving experience:

- First of all. you need to charge your batteries fully before using it.
- Read carefully this User Manual, and before riding.
- It is forbidden to touch the electric conlacts in the battery box.
- Please do not disassemble or repair without technical assistance from an Authorized Dealer.
- When in use, regular checks on brakes. tyres, steering, rims and caution concerning possible.increased braking distances in wet weather.

## 2.Parts description

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To ensure your safety, make the following functional checks before driving:

- 1 - Nomial operation of the light, brake and power cut systems.
- 2 - Tire pressure (low pressure, will influence both autonomy and speed).
- 3 - Wheel axle tightening.
- 4 - Battery charge level.
- 5 - Braking system adjustment and free operation.



### 3.Assembling instructions

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1. Carefully take out the electric bike from its carton;
2. Please tighten the handlebar-stem with the following instruction: Step1, Step2, Step3

Step1



Step2



Step3



## 4. Battery charging

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### Charging methods

The vehicle battery must be recharged when finished using or when running low. You can charge the battery, either assembled or removed from the vehicle. Please take proper attention to the following charging methods:

1. remove the battery case.
2. with the key, unlock the battery case at its base.

## With the battery removed

1. When the battery is removed, do not touch the "+" and "-" contacts, especially with wet hands or metallic objects.
2. Do not recharge the battery in the inverted position.
3. Place the charger in a flat, secure place, and connect the output plug (48V terminal) to the socket in the battery box.
4. Then, connect the input plug (110V/220V terminal) to the power outlet, and the charging will start.
5. After the charging has finished, first, unplug the input plug (terminal 110V/220V), and then the output plug.

## 5.About charging

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### When the battery is charging on the bike

1. Please switch off the power and remove the key.
2. Remove (rotate to open) rubber stopper in the charging hole, and the stopper should be kept well. Then, first plug in output plug(48V terminal) of charger to the socket of battery box, after that, plug in power input plug(110/220V terminal) to household power socket to start charging.
3. After charging is finished, first pull out the power input plug(110/220V terminal) and then pull out the output plug.

### Duration if charging

1. When the input and output terminal are connected, the red indication light of the charger will be turned on, showing that the power is being connected.
2. When the battery is charged for the first time, 8-10 hours should be spent for charging.
3. This charger has the protection device for over-charging. Long time charging should not be more than 24 hours without affecting the life time of the battery.

## If charging with the battery removed

- 1 - The charger does not need to be connected to be grounded.
- 2 - Keep the charger in a safe place away from children.
- 3 - Do not use the battery when not fully charged. That will decrease its lifespan.
- 4 - Do not charge the battery with other chargers than the original.
- 5 - The charger works with 110/220V. Please do not open it without permission.
- 6 - Avoid charger contact with liquids and/or metal objects. Always be sure it is safely stored/placed so that it can not suffer damage from a fall/impact.
- 7 - When in use, the charger should not be covered, to prevent overheating, damage, or fire.
- 8 - The charger is only for indoor use. Please keep it in dry and ventilated place.
- 9 - If you notice a strange smell coming from the charger, or it is too hot, please stop charging, and contact an Authorized Center.

## 6. Driving

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### Important tips while driving

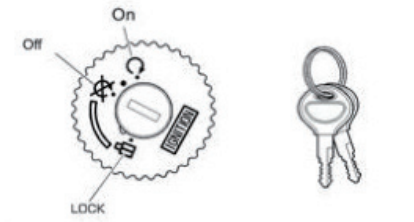
- 1 - Do not push the throttle too fast. The vehicle should be accelerated slowly, reducing consumption and risk of damage to the electrical system.
- 2 - To increase security and reduce power consumption, it is advised to avoid sudden stops and startups.
- 3 - The vehicle controller has a charge overload protection. If on overload, energy will be cut automatically and restored when it returns to normal.
- 4 - The maximum load is 90kg. Avoid driving with superior weights. Do not drive too fast.

## Important tips when parking

- 1 - When pushing the vehicle manually turn off the power, to avoid accidental acceleration and accidents.
- 2 - It is recommended to park indoors. Do not forget to switch off the power and remove the key.
- 3 - In a public place, the vehicle must be parked in accordance with local traffic rules Do not forget to switch off the power and remove the key.

## How to start up the vehicle

- A.** Insert key and turn it to the ON position.  
At this point, the charge indicator light will turn on, indicating that the vehicle is powered on.



- B.** Option: Please check the LCD display for details.

## 7. Basic maintenance

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For a safe driving experience, please keep your vehicle in perfect condition, making maintenance and washing regularly.

### Regular self-checks

1. Tightening and correct operation of both wheels, frame and front fork.
2. Gearshift correct operation.
3. Braking system correct operation.
4. If you do not use the vehicle for long periods of time, charge the battery at least once a month. to avoid reducing its lifespan.

## Maintenance and cleaning tips

1. Do not wash with high pressure jets to prevent water infiltration into the electrical system.
2. Dirt on painted surfaces should be removed with a neutral product. Then, wipe with a dry cloth.
3. Do not apply lubricant on the brakes, brake levers, rims, tires, battery and controller.

## 8. Parameter

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Battery	48V 10.4Ah lithium battery
Front fork	Aluminum alloy suspension
Brake	F/R disc-brake
Rear derailleurs	Outer 7 speed SHIMANO
Chain Wheel	Steel 44T*170mm, Prowheel
PAS	Pedal Assisted System
Saddle	JUSTEK
Display	LCD display
Controller	Low noise & durable 100~240V, 50-60Hz
Speed	25-45 km/h
Tyre size	20* 4.0 CST/ KENDA
Chain	Rust resistant chain, KMC



## 9. Battery maintenance and saving tips

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Frequent braking and starting, riding uphill traveling against a strong wind, starting from a standstill and riding on rough or muddy roads, and carrying more than one person, or heavy loads will consume extra battery power and shorten the range.

A few tips to prolong the battery life during these conditions is as follows:

1. Frequent Braking-try to look ahead and coast rather than stop and go frequently.
2. Riding uphill or against a stiff wind-pedal to supplement the battery power.
3. When starting from a standstill-use the pedals to help bring you up to speed
4. When the battery meter indicates the voltage is low, switch to manual power and avoid using the battery so you don't shorten the battery life.
5. If the battery is being stored, remove the battery from the bicycle and recharge it every month.

## 10. Useful tips

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- 1 - This User Manual's only to explain the vehicle's use and functions. and should not be used as reference for it's inspection.
- 2 - The images shown may differ from the actual model presented in the shops.
- 3 - We reserve the right to change the model without prior notice due to technical improvements.
- 4 - This vehicle has a top speed limiter. For security reasons, its removal is strictly prohibited.



Thank you again for choosing our electric bicycles!  
Our company will be committed to create a better experience for you!