



# Trooper 01 User Manual



[www.yadea.com](http://www.yadea.com)



## FORWARD

Thanks for purchasing the YADEA Trooper 01, and welcome to YADEA family.

Please read this user manual carefully before riding so that you will be thoroughly familiar with the proper operation of controls, features, capabilities, and limitations.

To ensure a long, trouble-free life of the vehicle, provide it with proper care and maintenance as described in this manual.

For replacement parts and accessories, you should always use genuine YADEA products, as they have been specially designed for the vehicle and manufactured to meet the standards.

Keep this owner's manual at all times so that you can refer to it whenever you need information.

All information, illustrations, photographs and specifications contained in this manual are based on the latest product information available at the time of publication. Due to improvements or other changes, there may be slight difference from the vehicle. YADEA reserves the right to make product and publication changes at any time without notice or obligation.

## IMPORTANT SAFETY INFORMATION

**The rider must be over 16years old.**

Always check bike, brakes, tires before riding.

Always wear a helmet when riding.

Always keep both hands on handlebars.

Always apply brakes lightly when riding on rocks or loose surfaces.

Always be cautious when going through puddles.

Never carry a passenger on the electric bike!

Never modify the E-bike with unapproved accessories.

Never ride through deep water.

Never perform wheelies,jumps or trick stunts.

Avoid riding in the rain for a long time.



## PARTS





## SPECIFICATIONS

Dimension	1690*695*1040mm
Wheelbase	1100mm
Net Weight	36.5kg
Max Speed	25km/h
Range	90km
Max Load	75kg

## Controller

Working voltage	39V-54.6V
Max output current	15A

## Motor

Rated power	250W
Type	DC 48V

## Battery

Type	Lithium 40pcs*21700cells
Capacity	48V 20AH

## Charger

Input	220V
Output	54.6V 3A

## Tires

Front Tire	4.0-20 with inner tube
Rear Tire	4.0-20 with inner tube

## Brakes

Front	Disc Brake
Rear	Disc Brake

## Headsets

1-1/8"  $\varnothing$  28.6\*  $\varnothing$  44\*  $\varnothing$  30

## Hub&Rim&Frame

Aluminum alloy



## INSTALL THE PEDALS

Make sure your pedals are installed on the correct side, as installing on the wrong side will damage the threads. There is a mark R on the right pedal, there is a mark L on the left pedal.

Install the right pedal by turning it clockwise, tighten it with a 15mm wrench. Install the left pedal by turning it counterclockwise, tighten it with a 15mm wrench. (You can find the wrench in the accessory box)



## INSTALL THE HANDLEBAR

Put the handlebar on the stem, put the locking block in position, install 4 bolts with a hex wrench. (You can find the wrench in the accessory box)





## DISPLAY INFORMATION



Speedometer: Display the speed of the ebike

Mode Indicator: Display Mode1/Mode2/Mode3

Odometer: Shows the total mileage of the ebike

Battery Level: Each icon means 20% of battery level

Shift Up/Shift Down: Shift power mode between Mode1/  
Mode2/Mode3

Power Button: Hold the  button to power on/power off


## RIDING MODE

### 1.No Assist Mode

If you don't power on the ebike, you can ride it as a bike.  
There is no power assist during riding.



### 2. Power Assist Mode

Hold the  button to power on

Click the shift button to choose Mode1/Mode2/Mode3

Start riding, the motor will output power to assist your riding

## Tire Pressure

Front Tire 4.0-20 Tire Pressure 2.0Bar

Rear Tire 4.0-20 Tire Pressure 2.0Bar


Always check the tire pressure before riding . Inflate the tire to 2.0 bar if necessary.



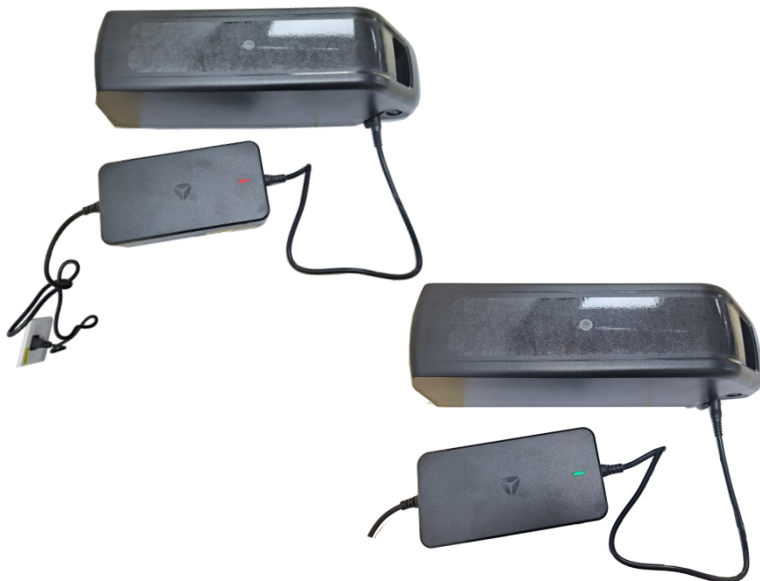


## CHARGE THE BATTERY

Always use genuine Yadea charger to charge the battery.  
Don't modify the battery or disassemble the battery.

 **If you don't ride the bike for a long time, charge the battery to 100% once a month.**

1. Remove the battery from the bike, plug in the charger.  
Red light on the charger means charging, green light on the charger means the battery is fully charged, or the charger is not connected to the battery.



2. You can charge the battery when the battery is on the bike.

## INSTALL THE BATTERY

Put the battery on the battery holder, push it forward, turn the key clockwise to lock the battery. (Turn the key counterclockwise to unlock the battery, push it backward to remove the battery)







## BATTERY MAINTENANCE

1. When the riding is over or the battery is used up, it should be charged immediately. The methods are as follows:

- ① Remove the battery from the bike and charge the battery.
- ② Or charge the battery when the battery is on the bike.

2. Charging time:

When the charger is connected, the red light of the charger is on, indicating that charging is in progress. When the light turns green, it means the battery is fully charged.

Charging time depends on the remaining power of the battery. It will take 7 hours to charge the battery from 0 to 100%.

3. Notes:

- ① Please turn off the power after riding to avoid power consumption.
- ② It is strictly forbidden for the charging port of the battery to contact water or short circuit of the positive and negative pin of the battery.



③ The original Yadea charger must be used, and the user must operate according to the instructions when charging, otherwise the consequences will be at your own risk.

- ④ Don't use Yadea charger to charge non-Yadea battery.
- ⑤ There is a high-voltage circuit in the charger. It is strictly forbidden to disassemble the charger or replace the components in the charger, otherwise the charger will be out of warranty.
- ⑥ This charger is for indoor use, please use it in a dry and well-ventilated environment. Don't use the charger in excessive oil

/smoke/dust /in a scorching sun/ high temperature.

⑦ During the use of the charger, pay attention to avoid the entry of foreign objects, especially to avoid water intake or other liquids, so as to avoid short circuit.

⑧ When charging, connect the battery first, then plug the charger in to the socket. After fully charged, disconnect the charger from the socket, then disconnect the battery.

Do not connect the charger during thunder and lightning.

⑨ During the charging, if the indicator light is abnormal or there is a strange smell or the charger is overheated, please stop charging immediately and send it to the dealer for repair or replacement.

⑩ When the green light of the charger is on, the power supply should be cut off in time. It is forbidden to connect the charger to the AC power supply without charging.

⑪ When the charger is under use, do not cover it with anything. Keep the charger away from children.



⑫ Waste batteries must not be disassembled and should be recycled by professional departments.

## YADEA Ebike Warranty Terms

Fee of charge, 2-year warranty for ebikes sold inside EU.

The warranty begins from the purchase of the ebike.

Some parts are not covered by warranty. Such as: Tires, inner tube, brake pads, brake disc, brake wires, handle grips, spokes.

The following cases are not covered by warranty:

1. Damage caused by human such as bumping or personal modification.
2. Not following maintenance rules according to the manual;
3. Using electric bikes for dangerous actions or stunts;
4. The damage caused by disassembling spare parts and personal modification;
5. Using non-original spare parts;
6. Damage caused by a traffic accident or other collision;
7. Driving on abnormal road or non ebike lanes;
8. Commercial lease to others;
9. Repairing in service stores which are not authorized by Yadea.