ELECTRIFY YOUR LIFE



Address : NO.515 Xishan Avenue, Anzhen Street, Xishan District, Wuxi City, Jiangsu Province

Corporation Website : www.yadea.com



Foreword

Dear users:

Thank you for your trust in Yadea Electric Bikes, choosing unique and beautiful shape, advanced and reliable technology, TROOPER 01 two-wheeled electric bike. We will bring convenience to your life and work with high-quality products and enthusiastic service. We hope you can enjoy the pleasure of Yadea electric bike.

Before using the TROOPER 01 two-wheeled electric bike, please read the instructions carefully and follow the warnings, requirements and tips inside strictly, which will help you achieve higher driving safety.

As an integral part of the bike, please hand this manual over with the bike when transferring the use rights, such as sell or lend the bike to others. Please be sure to purchase Yadea electric bike via official channels, and use the designed spare parts from Yadea. Please keep the invoice as a proof of warranty.

Please follow this Manual to maintain the bike on schedule. For any problems found, please contact authorized service stations in your region or our company, we will provide you with quality maintenance, repair and other services.

This manual contains the latest product information at that time. Yadea is committed to improving product design and quality. As a result, the product design may be changed at any time, which may lead to some inconsistency between the manual and the real product, If you have any questions, please contact us; service@vadea.com

Your choice - the beginning of our service! Yadea electric bike with you all the way, a safe life!

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Yadea Technology Group Co. Ltd

Special Tips

- As a more convenient and popular means of transportation, the bike performance is affected by different road conditions and consumers' usage habits, but consumers usually lack the common sense of regular maintenance. In order to make the bike is in the best condition, prolong the service life of the bike at the same time, consumers have to do regular inspection and maintenance for the bike and the related parts of obligation.
- The bike, controller, charger, battery and other original parts of the bike parts shall not be disassembled and replaced without authorization. If users disassemble and install by themselves or disassemble and repair by non-Yadea authorized maintenance units, users do not comply with this "notice" standard or non-Yadea designated maintenance units disassemble and repair resulting in performance failure or quality problems of relevant parts, Yadea Company will not normal warranty. The user shall be liable for any bike damage or economic loss caused by disassembling, refitting or improper use without permission.
- The design of the bike is limited to one driver, and the rated load mass specified on the load label shall not exceed 75 Kg in total.
- When the bike is transferred to another person, this instruction manual should be handed over to the new owner together with the bike

Safety Warning

The safety warning symbols used in this manual.



DANGEROUS: If this warning is ignored, serious injury or death may result.



WARNING: If this warning is ignored, it may result in injury or damage to the bike.



ATTENTION: If this warning is ignored, it may result in an accident due to improper operation.

Table of Contents

1. Safety Precautions ······ 02
2. Product accessories · · · · 06
3. Installation Instruction
4. Parts info 08
5. Function Introduction 11
6. Battery installation 14
7. Charge the battery15
8. Riding safety
9. Riding mode 19
10. Safety warning
11. Maintenance and repairs 22
12. Inspection and troubleshooting
13. Specification
14. Electrical schematic diagram
Appendix 1 Maintenance Record

1. Safety Precautions

Dear users, for the safety of you and your family and to prevent accidents, please be sure to read the "instructions for the use of this product" carefully and master driving skills through practice.

Important Safety Instructions



WARNING:

When using this product, basic precautions should always be followed, including the following:

- · Read all the instructions before using the product.
- To reduce the risk of injury, close supervision is necessary when the product is used near children.
- · Do not put fingers or hands into the product.
- Do not use this product if the flexible power cord or output cable is frayed, has broken insulation, or any other signs of damage.
- This ebike is not intended to be used at ambient temperatures less than -20°C (-4°F) or above ambient temperatures of 45°C (113°F).
- The battery is intended to be charged when the ambient temperature is between 0°C (32°F) and 30°C (86°F). Never charge the battery when ambient temperatures are outside this range.
- Prolonged Exposure to UV Rays, Rain and the Elements May Damage the Enclosure Materials, Store Indoors When Not in Use

Safety instruction

- You must understand the local laws and regulations, strictly abide by the traffic rules, do not overspeed, run red lights or go retrograde.
- Drivers of electric two-wheeled bike must pass the examination of the traffic management department and obtain a driving

license before they can drive an electric two-wheeled bike;

- When riding, keep the distance and slow down when passing an intersection. Before turning, a turn signal shall be given, and a sharp turn shall not be allowed, and the bike shall not be towed or towed by other bike; Do not climb up the bike; Not to leave the handle or hold the object with both hands; Do not learn to drive a bike on the road:
- · Please carry people or articles in accordance with laws and regulations. Overloading is strictly prohibited;
- Do not lend a two-wheeled electric bike to people who can not operate to avoid injury;
- It is strictly prohibited to use high-pressure water gun to wash electronic components and circuits. Wet cloth should be used to wipe;
- It is strictly prohibited to park in building foyers, evacuation staircases, walkways and safety exits;
- It is strictly prohibited to charge and park in residential buildings. When charging, it should be away from combustible materials and the charging time should not be too long;
- When the battery is charged, the charger should be placed in a safe place out of reach of children;
- The correct use and maintenance of the battery; Waste batteries shall not be dismantled without authorization and shall be recycled by the relevant professional departments;
- · Safe use of the charger and warning terms; When replacing the charger, it should be matched with the battery model;
- Please do not dismantle the two-wheeled electric bike or tamper with the performance and configuration of the bike without
 authorization. You will be responsible for the loss caused, and you will lose our warranty commitment. If you need to replace
 the parts, please contact the after-sales service;
- In case of quality problems, please go to Yadea star service station, line repair and maintenance. If the performance failure or
 quality problem of the relevant parts is caused by the disassembly and maintenance of your own or non-Yadea authorized
 maintenance unit, Yadea Company will not guarantee the normal warranty. In case of bike damage or economic loss caused
 by disassembly, refitting or improper use by the user, the user shall be liable for such damage or economic loss.

Notice for use

- · Please ride smoothly on the flat road surface. Do not accelerate, brake or turn sharply when driving;
- Do not use the front brake first, so as to avoid the danger caused by the center of gravity moving forward;
- Please drive carefully, pay attention, do not answer the phone, use headphones, etc;
- When driving at night, turn on headlights and wear reflective clothing;
- When driving or moving a bike, keep body parts away from moving parts;
- Do not travel on the handlebars, so as not to lose control of the accident;
- If you encounter problems while driving, stop driving immediately. And timely contact after-sales service;
- Do not use chargers of other brands or specifications; It is also not allowed to use the charger provided by our company to charge the other two wheeled electric bike;
- When charging, please turn off the power key first, then connect the charger to the battery, and then connect it to the mains;

Driving Environment Requirements

- It shall drive in the two-wheeled electric bike lane, and on the road without a two-wheeled electric bike lane, it shall drive on the right side of the roadway;
- · When riding in rain or snow, the braking distance will be extended. Please slow down and drive slowly.
- Do not drive in inclement weather, such as storm, fog, snow and ice.
- Do not drive on uneven, muddy, gravel road or stairs, or damage the explosion-proof tire or rim, which may cause danger to your electric bike;
- Do not wade and drive. The water level should not exceed the lower edge of the rear wheel motor bearing block to prevent the motor from being damaged by water inflow.

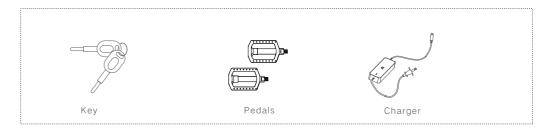
The following persons are not allowed to drive

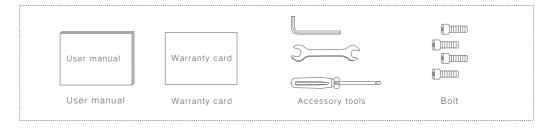
- · Pregnant women, minors and the elderly
- People who are under the influence of alcohol or other drugs
- · People who are overweight
- · People who are overtired
- A person who is unable to move after being ill

Check before driving

- · Must wear safety helmet and other protective equipment before driving;
- · Turn on the display, check the battery power;
- · Check whether the lights and are in good condition;
- Check whether the power supply circuit, lighting circuit and other conditions are good;
- · Check whether the braking performance and braking distance of the front and rear brakes are normal;
- · Check whether the reflector is damaged or dirty.
- · Please check the fastening state of each component;
- Check tire pressure: ensure that the tire pressure is normal tread intact.

2. Product accessories



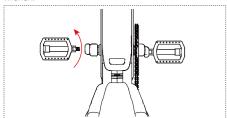


Please check carefully whether the contents of the box are intact, if you have any questions, you can contact our company: service@yadea.com

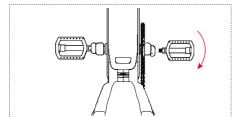
3. Installation Instruction

Pedal Installation

There is an L mark on the left pedal. Turn the left pedal counterclockwise to install it, tighten it with a 15mm wrench.



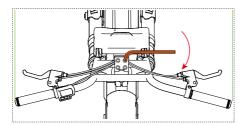
There is an R mark on the right pedal. Turn the right pedal clockwise to install it, tighten it with a 15mm wrench.



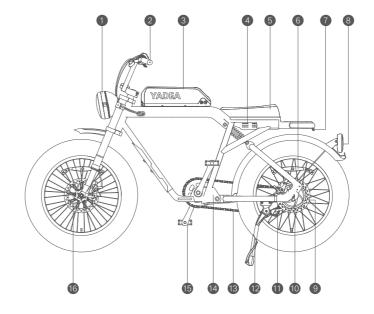
Handlebar Installation

Put the handlebar on the stem, align the fixing block with the holes on the stem. Install 4 bolts with a hex wrench.(locking torque 18-25N.m)

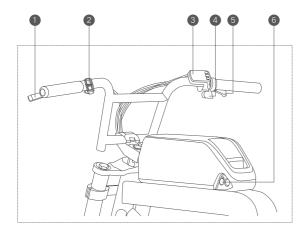




4. Parts info



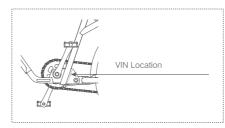
- 1.Headlight
- 2.Handlebar
- 3.Battery
- 4.Controller
- 5.Saddle
- 6.Wheel reflector
- 7.Taillight
- 8.Rear reflector
- 9.Rear brake disc
- 10.Motor
- 11.Chain tension adjuster
- 12.Side stand
- 13.Chain
- 14.VIN
- 15.Pedal
- 16.Front brake disc



- 1.Front brake lever
- 2.Horn&headlight switch
- 3.Display
- 4.Throttle
- 5.Rear brake lever
- 6.Charging port

Vehicle code location

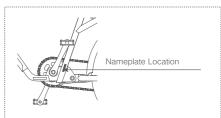
Vehicle identification number



Motor code

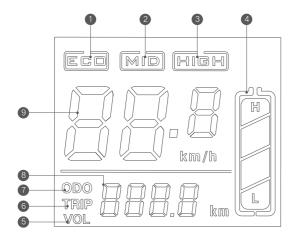


Nameplate



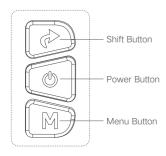
5. Function Introduction

meter lamp



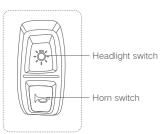
No	Icon	Name	Instruction		
1	ECO	Eco power mode	Slow acceleration,top speed32km/h		
2	MID	Mid power mode	Normal acceleration,top speed32km/h		
3	HIGH	High power mode	Fast acceleration,top speed32km/h		
4		Battery indicator	Show the remaining power,each icon means 25%		
5	VOL	Battery voltage	Show the current battery voltage		
6	TRIP	TRIP	Show the mileage of single trip from power on		
7	ODO	ODO	Show the total mileage of the bike		
8	888.8 km	ODO/TRIP	Show the total mileage or the mileage of single trip		
9	88.8	Speedometer	Show the current speed of the bike		

Display Buttons



- 1.Shift button: click the button to shift ECO/MID/HIGH
- 2. Power button: Hold the button for 1.5s to power on/power off
- Menu button: click to toggle between ODO/TRIP/VOL. Hold M to enter push assistance mode, the bike will go forward at 5km/h.

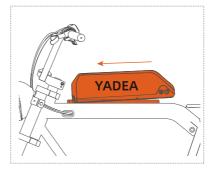
Headlight&horn switch



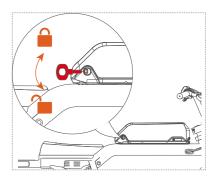
- 1.Headlight switch:click to turn on/turn off headlight
- 2.Horn switch:Click to sound the horn

6.Battery Installation

Put the battery on the battery holder, push the battery forward to fix it.



Insert the key, turn it clock wire to lock the battery



Insert the key, turn it counterclockwise to unlock the battery. Push the battery backward to remove the battery.

7.Battery Charging



Warning:

Genuine YADEA charger must be used to charge the battery. Modification&disassembling are forbidden.

Tips:

- 1. Connect the charger to battery first, then connect to the power jack.
- 2. Charge the battery to 100% once a month during storage.
- 3.Charging temperature 0-30°C
- 4.Discharging temperature -20-50°C
- 5.Storage temperature -20-45°C

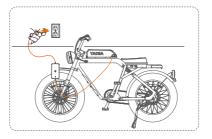
Charging Port



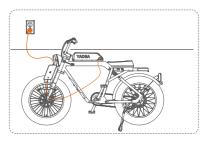
- 1. Open the seal of the charging port before charging.
- 2.Close the seal of the charging port after charging.

Charging on the bike

1. Open the seal, connect the charger to the battery.



2.Connect the charger to power jack.

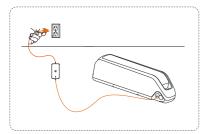




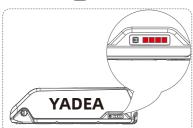
- 1.Red light on the charger means charging.
- 2. Green light on the charger means battery charged 100% or the charger is not connected to the battery.

External Charging

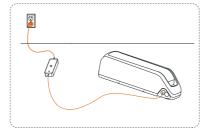
1. Open the seal, connect the charger to the battery.



3. Press the button to check the battery level.



2.Connect the charger to power jack.





WARNING:

- The charger should be used and maintained correctly according to the method required in the manual;
- Read the warning words of charger carefully before use;
- When replacing the charger, it should be matched with the battery model;
- Please use the original charger to charge, otherwise the battery may be damaged or fire risk;
- Do not connect the charger when the charging hole or charging line is wet;
- During the use and storage of the charger, pay attention to avoid the entry of foreign matter, especially to avoid the inflow of water or other liquids, beware of rain, so as not to cause the charger internal short circuit.
- Correct use and maintenance of batteries: Waste batteries should not be dismantled without authorization, and should be recycled by relevant professional departments.

8. Riding Safety

For your safety, please read this manual thoroughly before riding. Obey the traffic rules, don't exceed the speed limit, don't run a red light,

don't go in the wrong direction. Wear a helmet and other gears to minimize the potential harm.

Your e-bike is driven by a motor embedded in the hub of the rear wheel. The motor is powered by a battery. The amount of power delivered to the motor is controlled by the power mode you choose.

Pedal-only Mode

If you don't start the bike, you can ride it as a bike, no power assistance at all.

Throttle Mode

If you start the bike, you can push the throttle with your thumb to accelerate. The deeper you push, the faster you go. If you let go of the throttle, the motor will stop.

Electric -Assisted:

You must turn on the battery&display to use the e-bike in Electric-Assisted mode.

In the Electric-Assisted model, power assist is triggered when you pedal forward, and power assist stops when you stop pedaling. In other words, power assist happens as long as you pedal. You don't need to pedal hard. All you need is to apply a light force to the pedals continuously to maintain the current flow. When you apply one of the brakes, power-assist will automatically stop, allowing the e-bike to slow down and stop. Power assist will turn itself off when the e-bike has reached the maximum speed of 32km/h.

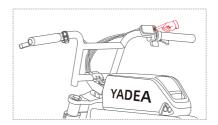
Battery switch



- 1.Press to turn on the battery.
- 2.Press O to turn off the battery.

- Battery switch

Power on/Power off



Power on:Turn on the battery,hold the power button for \$\infty\$1.5s, the bike will power on.

Power off:Hold the power button on the display for 5 1.5s, the bike will power off, turn off the battery.

9.Riding Mode

Check the battery level before riding. Charge the battery if it is low.

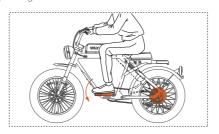
Pedal-only Mode:

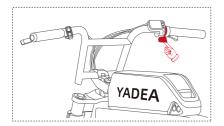
If you don't start the bike, you can ride it as a bike, no power assistance at all.



Electric -Assisted:

Start the bike, the motor will output power to assist when pedaling.





Throttle Mode:

If you start the bike, you can push the throttle with your thumb to accelerate. The deeper you push, the faster you go. If you let go of the throttle, the motor will stop.

10. Safety warning

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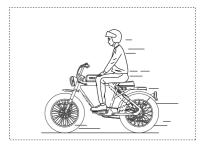
WARNING: Failure to follow the instructions below may result in serious injury.



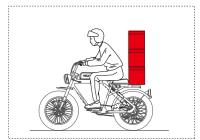
Do not ride in inclement weather such as rain or snow!



No handlebar hanging!



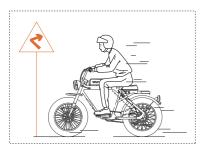
Don not leave the handlebars when riding!



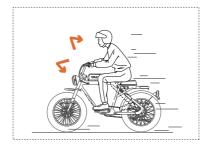
When riding, do not carry too high!



Don't use cell phone during riding!



When turning, lean your weight slightly toward the direction of turning and slowly turn the handlebars. Don't make a sharp turn!



Do not turn the handlebars greatly when driving at high speed! !



Slow down when you're driving on bumpy roads, speed bumps, or other irregular surfaces.

11. Maintenance and repairs

Precautions for washing cleaning

- Disconnect the power supply of the bike before cleaning. Do not touch the live parts, such as the battery charge and discharge port, with wet hands or metal conductors;
- No water impact on electrical parts, bike cleaning should be wet towel dry after wiping the bike appearance, such as the
 presence of dirt is difficult to remove, can use a toothbrush brush, after cleaning, please use a soft cloth to dry the bike;
- · Avoid water impact charging socket, wiring harness connector and fuse, do not directly splash water into the container;
- Can not directly to the brake, motor and the front and rear axles of water, in order to prevent the influent affect the life of the bike components;
- Do not use steam or high-pressure water hose to flush the bike.



WARNING:

- Do not use alcohol, gasoline, kerosene or other corrosive, volatile solvent cleaning. These substances
 may damage the exterior and internal structure of the bike.
- · Do not use high pressure water gun or water hose spray scour.

Storage

- Please store the bike in a flat, stable, dry place, in a cool room, avoid sun and rain, so as to avoid rust or aging of parts;
- If the battery is not used for a long time, it is recommended to store the battery power at about 50%, and disconnect the air
 switch, or take the battery out and put it to a safe place separately; Otherwise, the battery life will be greatly affected, and the
 battery will be scrapped in serious cases.
- If you have to park the bike outside, please avoid strong sunlight or heavy rain.

• Prolonged Exposure to UV Rays, Rain and the Elements May Damage the Enclosure Materials, Store Indoors When Not in Use.



WARNING:

In the maintenance process, please check whether there is any abnormality in each part. If any abnormality is found, please contact the after-sales or designated authorize service network. National service hotline: service@yadea.com.

Spare parts maintenance

Motor

- There is no need to adjust or maintain the motor in normal use, only need to carry out surface dust removal and other cleaning work. Do not add lubricating oil to the transmission parts at will;
- When wading driving, the height of the water level can not exceed the lower edge of the rear wheel motor bearing seat cushion to prevent damage caused by motor water intake;
- Regularly check whether the wiring of the motor is loose, whether the appearance is deformed, whether the phase line of the motor is damaged;
- The motor wheel can not be violently hit, the motor can not be forced to run in the case of blocking rotation, motor overload is strictly prohibited;
- It is strictly prohibited to drive on uneven road surface, which will seriously damage wheel hub and motor;
- The bike has been installed and adjusted to the best condition before sale. Please do not disassemble and install electrical
 appliances and related parts at will during use. When riding, if you find abnormal noise from transmission parts, power on, or
 other abnormal conditions, please contact the after-sales service or specify authorized service outlets.

Controller

The controller is adjusted to the best condition when the electric two-wheeled motorcycle is shipped from the factory. In case of electrical failure or loss of control while riding, non-professional maintenance personnel can only check the cables and connectors. If you cannot troubleshoot, you can contact your dealer or our company at service@yadea.com.

Battery

- Before use, please confirm the battery model is the original battery for the whole bike. Please do not use other brands or other types of batteries.
- When the battery packaging and charger packaging separate instruction is also a part of the product, please read and understand carefully before use;
- The first time before use should be sufficient electricity, when the driving found low power, should be charged in time, so that the service life of the battery;
- When the power is used up, the system will automatically cut off. But after turning off the power supply, the battery will appear
 rebound "virtual" voltage (reactive voltage), then must be charged after use, otherwise it will cause the battery over discharge,
 the damage to the battery will be irreparable;
- When the power is used up, it is necessary to open the seat bucket and replug the battery connector for normal charging. It is suggested to directly use external charging or built - in charging.
- When the battery power is not less than 20%, please charge it in time to develop the habit of charging as you use it, which
 can prolong the battery life; If not charged in time after riding, it will greatly affect the service life of the battery, serious cases
 will cause battery scrap;
- If you do not use the electric bike for a long time, please be sure to give the battery supplementary power 1 times at least 1
 month, improve the battery service life, avoid the loss of power can not be three bags caused by the loss of users, dealers are
 strictly prohibited from changing the battery configuration and refit other bike parts function;

• It is recommended to check and maintain Yadea professional service station regularly.



DANGEROUS:

- Do not discard waste batteries at will, so as not to pollute the environment. The waste battery of this
 product shall be recycled by the enterprise or the distributor and the designated branches of the
 government.
- · Battery charging place should be away from children.

Charger

- The user must charge in accordance with the instructions, must use the original charger, otherwise the consequences;
- The type of battery that the charger can charge and the applicable voltage are strictly prohibited. It is strictly prohibited to charge non-rechargeable batteries or other mismatched batteries.
- Do not carry the charger with the bike, to prevent the damage of the internal electronic components of the charger caused by turbulence;
- Charging should be placed in a ventilated environment, strictly prohibited in a closed space or under the hot sun and high temperature environment charging;
- In the process of charging, if the indicator light is abnormal, there is a peculiar smell or the shell of the charger is overheated, stop charging immediately and repair or replace the charger;
- When plugging and unplugging the power supply, the hands must be kept dry. It is forbidden for the conductive material to contact the charging hole of the battery box or the contact at both ends of the charging hole of the connecting wire at the same time.

- · Enough, first cut off the electricity, then pull the battery plug;
- When plugging and unplugging the power supply, the hands must be kept dry. It is forbidden for the conductive material to contact the charging hole of the battery box or the contact at both ends of the charging hole of the connecting wire at the same time.
- When the green light turns on, the power should be cut off in time. It is forbidden to connect the charger to the AC power for a long time without charging.
- Do not disassemble or replace the devices in the charger by yourself. If there is any fault, please contact the after-sales service or designated authorized service outlets.



WARNING:

- The charger needs to provide enough ventilation during the charging process, away from explosive gas, beware of fire hazards:
- Charging should be carried out in a dry and ventilated environment, avoid moisture, while away from flammable and explosive items, the ambient temperature is 0-30°C.

12. Inspection and troubleshooting

The user checks the items themselves

Inspection item	Inspection item
Headlights, turn signals, tail lights, brake lights	Whether it works properly
Horn	Whether the sound is normal when working
Front and rear brake clearance	Whether braking is normal or not
Front and rear tires	Whether the air pressure is normal, whether the surface is sundry or worn
Instrument	Whether the signal lights and indicators are normal
Power lock, trunk lock, seat cushion lock	Whether the opening is normal and whether the moving part of the lock plate needs to be added with lubricant
Rearview mirror Angle	Do you have a clear view of the rear
Front handle and Front suspension	Whether the steering is flexible, whether there is a loose or stuck phenomenon
Fasteners for front and rear axle, flat fork axle, etc	Whether there is loosening phenomenon

Schedule of regular maintenance items and maintenance contents

Inspection item	everyday	60Days	180Days	360Day
Whether the rotating and steering parts of the handlebar are loose and worn		•	■•	••
2. Whether the foot parts are worn and rotated flexibly		•	E •	•
Whether the tire is properly inflated and whether the outer tire is worn				•
4.The light bulb work or not	= +	•	= +	#
5. Whether the brake is worn			•	•
6. Whether the rim is swaying or deformed				•
7. Whether the front fork of the frame is deformed				•
8. Whether the fasteners are loose				A
9. Whether the brakes are good or not				A +
10.Does the horn sound				A •
11.Whether the power cord of the charger is worn				*
12. Front pipe, flat fork and shock absorption connected with the frame			•	



ATTENTION:

- The purpose of this manual is for users to better use the bike, our company reserves the right to optimize and change the product at any time and the right of interpretation of this manual.
- · The picture, technical parameters, performance and function of the bike will be changed accordingly!

Error code list:

0x21:abnormal current

0x22:abnormal throttle

0x23:abnormal phase line of motor

0x24:abnormal hall sensor of motor

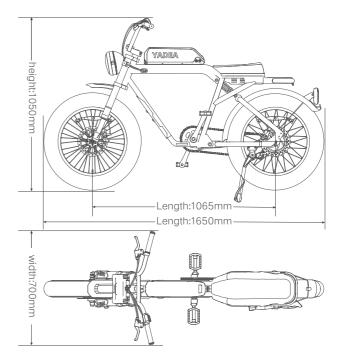
0x25:abnormal brake switch

Trouble phenomenon and troubleshooting

The fault phenomenon	Cause of failure and troubleshooting method			
The whole vehicle is	Power lock failure	Repair or replace the power lock or connector.		
	Fuse break	Find out the reason and replace the fuse.		
	Poor circuit contact	Re-fix the plug of the power cord.		
	Low battery voltage	Try charging		
Turn on the power,	Brake handle failure	Repair or replace the power-off brake handle		
instrument displays normally, Speed	Speed control handle failure	Replace the speed regulating handle.		
control handle failure	Controller or motor failure	Contact the authorized service station for inspection and maintenance.		
	Insufficient tire pressure	Inflate the tire to the standard air pressure.		
After one charge	Insufficient charging	Insufficient charge, check the charger and fully charge the battery.		
Less than range	Battery aging	Contact an authorized service station to replace the battery.		
	Abnormal braking	Adjust the brakes to make the front and rear wheels rotate smoothly.		

The fault phenomenon	Cause of failure and troubleshooting method		
	Mechanical transmission blockage	Lubricate the rotating and transmission parts regularly.	
After one charge Less than range	Road conditions	There are many uphill situations, strong headwinds, frequent braking and starting, heavy load, etc. It is recommended to pedal to help reduce the number of braking and starting and reduce the load.	
Other faults	When you can't troubleshoot or judge the fault by yourself through the above instructions, or when the motor, controller, charger and battery pack are damaged, please contact the resident authorized service station in time, and don't open the above components without authorization, or you will lose the warranty promise of our company.		

13. Specification



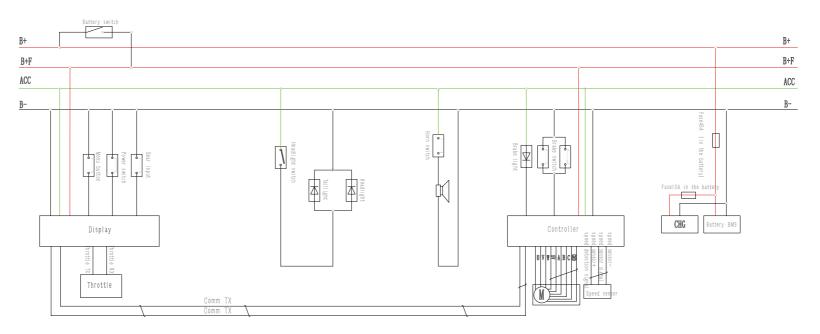
Model	Trooper 01
Dimensions	1650*700*1050mm
Wheelbase	1065mm
Weight	35kg
Top speed	32km/h
Range	60km
Max load	120kg
Battery type	Lithium battery
Battery capacity	20Ah
Battery voltage	48V
Motor type	Permanent magnetic
Rated power	750W
Rated rpm	510r/min
Rated voltage	48V
Min working voltage	41±0.5V
Max current	20±1A



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- The picture, technical parameters, performance and function of the bike will be changed accordingly!

14. Electrical schematic diagram



12 MONTH LIMITED WARRANTY

PLEASESAVEYOURSALESRECEIPT

The limited warranty as contained herein is exclusive and in lieu of all other warranties express or implied. There are no warranties that extend beyond the description in this limited warranty.

The manufacturer warranties this product, including the batteries, charger, motor, controller to be free of manufacturing defects for a period of 12Months from the DATE OF PURCHASE. This limited warranty does not cover the normal wear and tear, tires, inner tubes, cables, or any damage, failure, or loss caused by improper assembly, set up, storage, or maintenance.

This warranty covers normal use only. It does not cover the product due to misuse, neglect, accident or improper service.

Any attempt of repair done by the consumer (other than tires and normal adjustments)

will void the warranty.

60 MONTH LIMITED WARRANTY FOR MOTOR

- 1. The warranty for motors shall be limited to repairing service only and no replacement shall be provided, as follows:
- (1) Customers who can not provide invoices, warranty cards, failure videos and motor numbers;
- (2) exceeding 3 months from the date of customer purchase;
- (3) Sample motor, unlocking speed-limiting motor.
- 2 The warranty for motors is 60 months. Some of the parts (e.g. motor wiring harness, Hall, nylon gear, stator, grease) can be maintained once every 2 years and three times in 5 years for free.
- 3. Warranty coverage
- 3.1 Free service during the warranty period: quality problems such as performance failure and can not be repaired, phase absence, burnout of line, demagnetization, shedding of magnetic steel, deformation of wheel shaft, fracture, gear damage, bearing damage, etc.

- 3.2 Disputed matters: Inlet water of motor needs to be determined by both parties: If it is confirmed that the quality problem caused water inflow on the technical standard of IPX5, we provide replacement free of charge.
- 3.3 Out-of-warranty and paid service: motor line cut-off, leakage, impact caused by external force, customer selfdisassembly and modification, warranty card purchase invoice missing or altered, Non-YADEA spare parts assembly, problems caused by nonYADEA product quality, natural disasters. Costs incurred during the repair service shall be paid by the customer. Costs for spare parts are charged according to the spare parts price list. Labor fees are charged according to Americas Standards.

Appendix 1 Maintenance Record

Date	Malfuntion Description	Service Station	Serviced by	Remarks

Date	Malfuntion Description	Service Station	Serviced by	Remarks