

USER MANUAL RDB-MINI



INTRODUCTION

Dear customers:

Thank you for purchasing our high-performance electric tricycles.

For more comfortable operation of the electric tricycle and safer use, we advise you to read this manual first. We hope it can help you better understand our products. We also hope it can represent our corporation and show how much we care about you. High-performance electric tricycles are the high-performance, -tach products created by our company.

These products are applied to domestic and foreign technology. The core components are our patents.

Electric tricycles use the most advanced technology, excellent parts, and have a very secure key, safety, comfort, competition, and non-pollution. Without that, the new business for "green" transportation.

Science expectations are what we are pursuing. We hope you can give us feedback about your feeling and/or advice after purchasing our product, which can promote our work and product quality.

The content of this manual is based on the latest information. Thanks to the constant

constant renewal and innovation of our products, there will be differences with the product you purchase. Thank you for your understanding.

After reading this book, please keep it in a safe place for future reading.

Disclaimer

Before using this product, you must read this statement. If you have used our product, you are acknowledged to agree to this statement.

1. When traveling with our product, you must comply with the local law and regulations of your country regarding transportation. We are not responsible for your illegal activities.
2. Please check the information on your receipt after purchase and take care of it, accept it carefully after you buy our product. If there is a difference between the information on the receipt and the product you purchased, we are not considered responsible for the problem it may cause.
3. Before using our product, please finish reading this manual carefully.

Please take it seriously to follow the operational introduction of this manually when

use our product. We are not responsible for malfunction, overloading and excessive speed and such activities.

4. Without the written permission of our corporation, users are not allowed to disassemble or replace the original equipment. If there is anything wrong

with

product, please go to the authorized dealer to repair.

Please adhere to the points mentioned above or you must be responsible for your own activities.

CONTENT

INTRODUCTION	2
Disclaimer	2
CONTENTS	3 SAFETY
WARNING	4 DRIVING
SAFETY RULES	4 IN CASE OF
EMERGENCY	4 MUST KNOW
VEHICLE MAINTENANCE	4 LOADING
ITEMS	4 CARGO
LOADING	4 CORRECT
USE AND MAINTENANCE OF THE 4 KEY COMPONENTS	
5 ELECTRIC MOTOR MAINTENANCE AND USE	
5 CONTROLLER MAINTENANCE AND USE	
5 BATTERY MAINTENANCE AND USE	5
CHARGER MAINTENANCE AND USE	6
ASSEMBLY TABLE	7
ELECTRIC SCOOTER IDENTIFICATION	8
Electrical Device Identification Label	8
UNDERSTANDING KEY IMPORTANT COMPONENTS	
9 METER AND INDICATOR LIGHTS	9 MAIN
FUNCTION	10 Display and
Indicator	10 IGNITION
SWITCH	10
SWITCH OF RIGHT GRIP	11
SWITCH OF LEFT GRIP	12
WRECHART	13 MAIN
TECHNICAL INFORMATION	14
User Guide	15
Before Use	15
Driving	15 Braking
System	16
Parking	16
MAINTENANCE	17 Scheduled
Maintenance and Self-Check	18 Simple Faults
Symptom and Solution	19 Battery Pack Installation
Instructions	20 Important Tips for Assembling the
Dough	21 WARRANTY
CLAUSE	21 3 WARRANTY
RULES	21 WARRANTY TIME AND
FREE SERVICE ITEM	22 NOT IN 3
WARRANTY	23 Apart from the 3 rules
of warranty	23 HOW TO DISPOSE OF USED
BATTERIES	23

SAFETY WARNING

Before driving, we recommend that you check the vehicle for any faults or problems.

- **DRIVING SAFETY RULES** Before using the vehicle, please check if there are any problems or damage to any part of the component.
- 2. The driver of this vehicle must have a license to be eligible to drive this product.
- 3. To avoid accidents, the driver must pay special attention to:
 - a. Please do not drive near other vehicles and do not enter blind spots
 - b. Please do not force yourself into the other lane.Please do not exceed the speed limit.
- d. Please use the indicator before turning.
- e. Please do not use the electric tricycle for dangerous stunts.
- f. Please do not park at road crossings and pay attention when parking. g. Please use both hands to drive the vehicle and both feet must be on the pedal.

- **IN CASE OF EMERGENCY**

1. For driver safety, please wear appropriate head protection equipment when driving
2. Please do not wear anything too tight or too loose as it may get caught by cars and cause injury.

- **MUST KNOW ABOUT VEHICLE MAINTENANCE**

Any modifications to the vehicle that are not modified by our friend, which may cause vehicle failure if not repaired by a professional.

- **UPLOADING ITEMS**

Please be aware of the vehicle's weight capacity and please do not overload it, which may cause future problems or dysfunctions.

- **CARGO LOADING**

1. Please do not load the car disproportionately or load too much, otherwise it may cause problems for the vehicle.

2. Please adjust the tire pressure according to the weight of the cargo on the vehicle. 3. Please arrange the cargo in an orderly manner so as not to fall and please

check frequently.

4. Please do not put anything larger on the handlebar as it may cause slower reaction time and also may be difficult to adjust.

CORRECT USE AND MAINTENANCE OF THE 4 KEY COMPONENTS

·MAINTENANCE AND USE OF THE ELECTRIC MOTOR

1. The motor phase line and wire must be fully connected to the controller, and the connection stability must be checked.
2. Please do not soak the electric motor in water.
3. Please do not exceed the speed limit of the motor rotation speed. Please keep the turning rate within the limit

· CONTROLLER MAINTENANCE AND USE

1. Please do not overcharge the controller.
2. Please do not turn the speed of the handle too much when looking at the vehicle. 3. Please do not miss connect the positive line with the negative line. It will cause a short circuit.
4. Please do not turn the speed knob too often, as it may cause an electric current overflow to the controller and cause damage to the controller.

·BATTERY MAINTENANCE AND USE

1. Before assembly. Please check for any external damage or leaks.

corrosive liquid if any damage occurs, please change the batteries immediately. 2. Please assemble the batteries in an upright position so that the acid does not leak inside. Make sure the positive line is connected to the negative and vice versa. It may cause fire.

3. Please do not use the batteries are completely empty. You should charge the batteries when they are 20% full
4. For all new batteries, it is recommended to charge them first as they may have been stored for a long time.
5. Please use batteries of the same brand or from the same box as they may be built for each other.
6. Batteries should not be exposed to heat, extreme heat and prolonged exposure to sunlight. Batteries should not be shocked, dropped and damaged as this may cause a short circuit.

•CHARGER MAINTENANCE AND USE

1. Please insert the charger plug into the socket. Then connect the charger connector to the wall socket (220V/50HZ) when connected, the light will display red, and when finished, the light will be green.
2. Once it turns green, it means charging is complete. It usually takes 5 to 5 hours to charge the vehicle.
3. When charging is complete, please unplug the wall socket, then the vehicle socket.
4. Please make sure the charger model and vehicle model are correspond to each other, otherwise it may cause damage to the charger. 5. The charger should be used indoors and should avoid prolonged exposure to sunlight and rain. It should also avoid fires and other heat sources6. It is recommended not to drop carbon

ELECTRIC SCOOTER IDENTIFICATION

Electric scooter identification label

- 1.VIN: print on the steering tube
- 2.Frame plate: Riveting on the front seat --- up
3. Engine number printing on the edge of the engine



yVIN



yEngine no.

UNDERSTANDING THE IMPORTANT KEY COMPONENTS METER AND INDICATOR LIGHTS

1. Speedometer; shows the speed you are going
2. High beam: illuminates the distant view
3. Indicator light: shows other places you are about to return to
4. Power meter: shows the user how much power is left in our



MAIN FUNCTION

FUNCTION OF MAIN PARTS

1. Light bulb Light bulb, this indicator is

on. 2. Ignition switch on, this indicator is on

3. Battery indicator: "H" full charge, L low battery



IGNITION SWITCH

The key cannot be removed in the working position. The key can be removed from a non-working position.



Right grip switch

1. Front brake handle when using the front brake handle, the front wheels stop working. 2. Throttle: CCW, accelerate; when turning, reduce the speed to 0. 3. When the switch is on "forward", the electric tricycle is suitable for forwarding; When the switch is on "back", the electric tricycle is suitable for reversing. 4. ARS cable problem for motor, controller and brake line, use this button

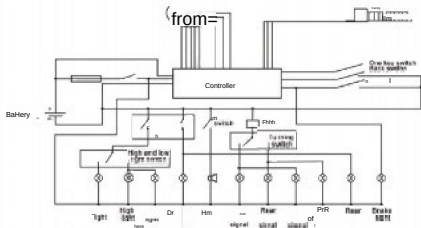


LEFT-SIDE PRINCIPLE SWITCH

1. Signal switch (>), if you need to turn left, put the switch to . If you need to go right, put the switch to when the signal will be off after you press the switch. The switch will return to the middle position
2. Hon button: horn will sound when you press this button
3. Speed switch: when you want to overtake. Please put the switch to high speed. when you drive normally, please put the switch to the efficient hgh button.



WIRE BOX



MAIN TECHNICAL INFORMATION

Corp	Size		2100+740+1020mm
	Wheelbase		1550mm
	Weight without battery		118kg
	Nominal load		200hg
	Maximum speed (normal condition)		25 m/h
	Range		60km
	Energy consumption per 100 km		05Kwt
	Tubeless pressure	Front tire	24kpN
		Rear tire	2.4kp
	Maximum climbing grade		16°
Motor	Motor Type		Elksery DffanantMalar
	Rated output power		500%
	Nominal rotation speed		2800R/min
	Nominal voltage		48v
Battery	Tip		LeadAid Battny
	Capacity		20Ah
	Standard voltage		40v
Controller	Undervoltage protection value		42±1Y
	Overcurrent protection value		20±1A
Charger	Input voltage		AC220±101
	Output voltage		580
	Output current		3A
	Charging time		8H

User Guide

Before use

1. Before use, please read the user manual carefully to understand the specifications and instructions of our product
2. Check the tire condition: check the tire pressure. If it is not enough, add air.

To check if the tire tread is damaged, you will see that the distance from the tread is less than 2 mm or you will see a crack

Please contact our dealer/supplier to change the damaged tire to prevent the vehicle from sliding on smooth surfaces or slippery roads.

3. Check the circuit system: check if the battery power is at optimal capacity.

If the power is insufficient, please charge. Please check whether the speedometer hand is working properly. If there is any problem, please contact the nearest dealer/supplier to repair it.

4. Check the brake system: please check the brake line and brake power. If there is a problem with the brake power system, please do not use the vehicle and please contact the nearest dealer for repair.

5. Check others: the whole vehicle (especially the front and rear wheels), please check whether the screws are tightened properly. Check whether the rearview mirror is adjusted to the correct position.

Leadership

1. When using the car, please check whether the handles are unlocked and then release the handbrake. Turn on the ignition and slowly turn the throttle handle towards the driver to accelerate the vehicle slowly. The vehicle should start slowly, then accelerate slowly to ensure the durability of the vehicle and prevent damage to the vehicle.
2. If you want to slow down, turn your hand slowly outward.

And the speed will slowly decrease if the driver wants to accelerate more, then you will have to turn the throttle handle towards the driver again.

3. When turning the vehicle, please let go of the throttle handle and show it

indicators of the direction you want to turn, then turn the handles slowly in that direction and accelerate slowly.

4. When going down a slope, release the throttle handle and slowly pull on the front brakes and slowly press on the rear brakes to decrease speed.
5. When using the vehicle, if there seems to be any abnormalities with the vehicle

please park the vehicle on the side and check for any problems once the problem has been resolved you can continue driving

6. When the vehicle is at a complete stop, it is recommended to pull the handbrake at any time to prevent the vehicle from slipping or rolling further. When continuing to drive, please disengage the handbrake to prevent damage to the vehicle.

7. Our product can withstand rain or snowy weather, but it is recommended not to charge through large amounts of water. If you drive in snowy weather.

Snow cannot exceed the height of the wheel hub if it exceeds the wheel hub. can cause a short circuit in the engine areas and cause the vehicle to malfunction.

8. For your safety and the safety of others, please use the designated road to drive this vehicle and please do not carry any passenger.

9. If the driver has just learned how to drive, he must first understand the vehicle specifications and instructions

10. Most vehicle accidents are caused by cars that can't see them

environment to avoid other accidents, please follow these points: wear eyes

catching clothes. Stay out of the car's blind spot. Avoid forced exit of TAPE

avoid driving close to vehicles.

Braking system

1. The front brakes are in braking from the accelerator hand. The rear brakes are below the foot

2. In case of moving, if you want to use the front brakes, you must let go throttle grip. It is usually recommended to press the brake pedal first and then

use the brake handle. In the case of emergency brakes, it is recommended to use both brakes at the same time, using only one brake will vary the stopping effect. It is recommended not to use the brakes too frequently, otherwise it may cause overheating and cause malfunctions.

3. The vehicle has an automatic power cut-off system, so it brakes at full throttle

will cause the vehicle to come to a complete stop. (but be aware once you let go of the

brakes that are still at full throttle, then the vehicle will continue to move at the same time

speed) If the vehicle is out of control, please first turn on the ignition to stop

vehicle for your safety and the safety of others.

Please check with our dealer/supplier to change the solution to the problem.

4. In the circumstance of high humidity or rainy and snowy climate.

Brake performance may be reduced in its effectiveness. For your safety: avoid

braking, speeding and turning, please pay close attention. Please drive slowly to avoid colliding with the vehicles in front of you. Please maintain the vehicle to remain upright. If the surface is slippery or unreliable, please

Pay attention to slippery vehicles. For example, polished metal floors or any smooth. surface.

Parking

1. When getting out of the vehicle, it is recommended to turn off the ignition in case you press the vehicle and accidentally twist the throttle and cause a
accidental for you and others around you
2. Please do not accelerate or brake without any reason, as it may shorten the life of the
battery and motor.
3. When the vehicle is in parking mode, you must turn off the ignition and take
Removing the key and applying the handbrake to prevent the vehicle from
rolling. 4. It is recommended to park the vehicle indoors.

MAINTENANCE

Regarding loading

1. When newly purchased, due to shipping time and warehouse storage time, it is best for the vehicle to charge for the first time before use.

2. It is mandatory to use only our own brand of charger, otherwise it may cause damage to the battery and other parts of the vehicle.

Any accident that is caused by this damage we will not be held responsible.

3. The charger can be charged through the vehicle or taken out and charged in an indoor area. The batteries will reach their optimum point after charging 10-20 times.

4. Steps you need to be careful of.

i. When charging for the first time, it is better to check the power cut to see the appropriate battery current draw.

Please keep the plugs in the socket until the battery is fully charged, please place the charger in a low wind area. Then insert the charger plug into the socket. Then connect the plug to the wall socket (220V/50HZ)

When you charge the light on the charger it will show red after charging for 3-6 hours (charging time depends on the remaining power in the battery) the LED will turn to green, which means the battery is full. After the light turns green, you can change it for 1-2 hours to make sure it is full. Each charging time should not exceed 12 hours

M. After charging is complete, it is recommended to disconnect the wall socket first, then the charger plug, even without charging the vehicle, if the charger is connected to the wall socket, it may cause damage to the charger.

5. Things to watch out for when charging

i. Chargers have 2 types, one for indoor environment and another for outdoor environment. Outdoor, it is recommended to charge in a dry and ventilated environment when charging. It is recommended not to add any color above the charger or cover the charger, and the charger should be kept dry.

. There is high pressure inside the charger, it is recommended that only professionals have the right to disassemble things.

i. Keep the charger away from children when charging.

iv. It is not recommended to use the vehicle when the battery is not fully charged, and the battery life may be shortened.

v. When charging the vehicle or removing the batteries, please do not turn on the ignition.

vi. When the vehicle is charged and there appears to be overheating or a strange smell, please take the vehicle to the nearest dealer for repair.

Scheduled maintenance and self-check

Check:✓;Adjustment or modification:✗;Lubrication: ·

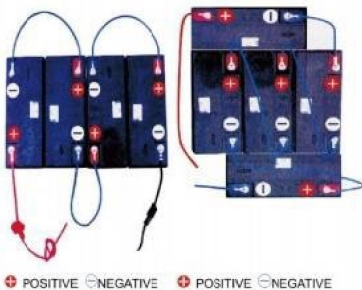
CheckItem	FIECA CUT	6 0ZILE	180ZILE
1. If the tire air pressure is appropriate, the tire model is ok	✓	Traditional Teay	
2. Who else are the brakes in good condition?	✓	✓	
3. If the horn is loud and clear 4. If the charger and power line are not in good condition	✓		
5. If the front and rear screws are tight handloar, tuning parts are fixed properly		Brown	Brown
6. If the brakes are in good condition		✓	
7. If the wheel hub is deformed		✓	
8. If the frame and fork are deformed		✓	
Cleaning tips Please avoid using pressurized water to clean any part of the vehicle as it may cause a short circuit or other damage - Please use medium cleaning and use a mop to gently wash the vehicle after that wipe toff with a dry doth Please use lubricant on any metal area to avoid rusting - It is best not to use the front and rear brakes, wheel hub and tires			

Simple faults Symptom and solution

Serial Not	DefectSymptom	Defects cause	We will eliminate Toda	Remark
1	When the open electric lock the meter the vehicle cannot operate I don't start.	The fuse was broken.	Change fuse with the same specification	Before checksau change the usage. you please cut off the power pound
		Cable bateriefal de	Tighten bathroom cable	
2	When is it open? electriclock, meter can work, vehicle don't be stupid	Battery voltage is low.	Fully loaded vaults ria	Sometimes the brakehave returned, inside Off switch Wilreturn later
		The brake is not back in place.	return brake	
		Throttleinefalofr Ple8se sen0	vehicle at	
		Circuit in our autumn repair shop	tofx.	
3	Ranger the fee is insufficient after loading	The tire pressure is insufficient.	Full tire air	
		Low charge Reconnect	and cables	The charger is under high pressure, non-professional workers do not open it
		The charger is broken	Ple88e send VEHICLE ourrepair shopto check and repair	
		Battery aging	Change your name erie	

		deteriorate		
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Battery pack installation instructions



Important tips for assembling the battery pack

1. Battery sets should be connected in a flow, the post must be connected to the negative. If connected poorly it may lead to short circuit
2. Voltage of each individual battery X total number of batteries = total number of voltage.
3. When connecting the slats, it is recommended to use the iron to make the connection better.
4. The suture should not be in contact with the battery for more than 10 seconds.
5. When connecting with the screw connection terminal, it is not the case tighten the screw too tightly, otherwise it may cause bad connections or damage connection terminal.
6. It is best to put something between the 2 batteries to avoid them from solidifying with each other.

WARRANTY CLAUSE

1. Dear customers:

In order to protect your legal rights, improve the quality of our products and also maintain our customer's rights, we would like to include 3 guarantees to be held responsible for any manufacturer issues. card. Thank you for your cooperation.

3 WARRANTY RULES

1. The customer must first check for any external damage before purchase.

Any damage caused externally will not be covered by the 3-year warranty.

2. When purchasing, you have the right to ask the clerk for a full presentation of the product and when purchasing, you should have received a valid proof of purchase and a stamped and signed service card.

3. The customer must follow the instructions presented in the manual to use produce f any problems arise that are not caused by the customer, then any the dealer/seller will be happy to have it done or to

WARRANTY TIME AND FREE SERVICE ITEM

The same	piece of change name	Warranty time Defect maintenance instructions
1	Motor	1 an Motor coil missing, short circuit, out of order
2	Controller	1 an Error function (non-human factors).
3	Charger	1 an Functional failure (non-human factors)
4	Battery	1 an Replace with a new battery every six months, with the maintenance battery from a to a seventh month, if capacity was less than 60% at full charge
5	Framework	1an Breakage, sealing (non-human factors)
6	Acceleration, brake handlebar, meter, Flasher, Horn	6 months Functional failure (non-human factors)
7	Handlebar, stem	6 months Breakage (non-human factors)
8	Parts of covering	3 months Fall, fade, blister, madness
9	Rear view mirror Cable line practice tube, switch	Easily broken spare parts, outside the warranty scope
10	Other parts	Change spare parts because of quality fault's in 3 months
11	Ignition lock 6 months	Functional failure (non-human factors)
Special tips: warranty time all the time unlimited		

NOT IN THE 3 WARRANTY

1	Based on the above warranty time, beyond that time they have no 3 warranty services.
2	Defects are caused by customers not following the Manual
3	Please do not assemble or reassemble by yourself, or you should be responsible for any malfunction caused by that action.
4	Failure caused by customer misuse, storage or accident
5	Vehicle without warranty card, purchase receipt
6	Easily broken, consumable parts.
7	Use of spare parts outside the range specified in the instructions
8	Repair the item yourself without permission from the special maintenance shop
9	Do not use the original parts, cause some defects

Does not fall within the 3 warranty rules

1. Anything that does not fall within the 3 warranty rules we will still fix or repair, but it will be at a cost.
2. The driver must drive the vehicle in accordance with the law.
3. For environmental safety, any batteries that exceed the warranty period 3. We will exchange the batteries for the manufacturing cost and nothing big, besides that the batteries must be returned to the distributor so that the batteries can be sent back to the factory for proper treatment.

HOW TO DISPOSAL OF USED BATTERIES

Recycling of used batteries will be regulated according to national regulations Environmental Protection Law. Used batteries will be collected by our dealers or distributor and shipped back to the country of origin and then recycled properly.