

Rooder

Electric Power-Assisted Bike

operating instruction



- Thank you for purchasing this product.
 - Please read and use the instructions carefully before use
In addition, the warranty is also properly kept properly after reading.
 - Product specifications are subject to change without notice.
 - Please note that some images and content may differ from the actual vehicle.
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Catalogue

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Product Parameter

Model	RX20
Meter display	Color LCD meter
Frame Material	Aluminum Alloy
color	/
Battery voltage	48V
Motor Torque	60N.m/120N.m
Speed level	5 Level
Gears	7s
Riding mode	1. Electric-only mode
	2. Cycling mode (without
	3. Pedal-assist mode"
Tire	26*4.0
Brake	Hydraulic brake/Mechanical brake
Shock absorber	Lockable front fork suspension
	Mid mounted shock absorber
Gradeability	30°
Max speed	25km/h
	(can be unlocked 40-45 km/h)
Maximum load	150kg
Rear seat bracket maximum load	50kg
Suitable height	165 - 200cm
Mudguard	Front & rear fender
Waterproof level	IP65 (life waterproof, can be used in the rain)
Net weight of the ebike	31kg
Weight of battery	4.2kg
Gross weight	36kg
Vehicle size	176×68×122.5cm
Folding size	/
Package size	98×44×83cm
Accessories Pack as Gift	1*tool bag
	1*Tyre repair tool
	1*Tyre pump
	1*Multi-function tool kit
	1*Phone holder
	1*Charger

Vehicle accessorise

RX20



Hanging bag



type repair kit



Tyre pump



Tool



Tool



Front axle



Foot pedal



Mobile phone holder



Battery charger



Different production batches, the style of vehicle parts may be different.



Method Of Erection



Step 01
Open the box,
the bicycle is folded.



Step 02
Close the folding buckle of
the frame.



Step 03
Install the handlebar.



Step 04
Close the folding riser latch.



Step 05
Install the seat.

Install The Pedal



Step 01
Install the left foot pedal with
a tool.



Step 02
Install the right foot pedal with
a tool.



Done
Confirm installation

Remove the battery



Step 01
Turn the key to unlock.



Step 02
Release the frame clasp.



Step 03
Fold up the frame.

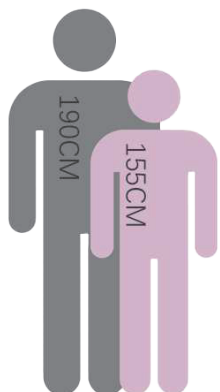


Step 04
Turn the key until the battery lock is released.



Step 05
Secure the front wheel and tighten it.

Product Size



Charger and battery

About Charger

Charge the charger in a place that meets the following conditions.

- Place with good wind and low humidity
- Places that are not exposed to direct sunlight or rain
- Places that are not exposed to water
- Places where the indoor temperature is around 15 to 25 ° C
- Places that infants and pets do not touch

About the battery

(1) The battery is not fully charged at the time of shipment, but please use it as it is and charge it after it is used up.

(2) Depending on the environment and battery condition, it may not be charged or the charger lamp display may not be normally diminished. In this case, drive a few kilometers and then try charging again.

(3) The charger and battery will get hot during charging, but this is not a problem.



Please do not lose the keys, there is only one pair of keys for each battery and it's unique



**When charging is complete, unplug the charger.
Keeping it connected shortens the life of the battery or charger**

Check before riding

- ❗ - Be sure to carry out the checking before you ride. If any abnormality is found the checking, please check it immediately at the maintenance shop.
- ❌ - If you continue to use even one spoke with it broken, the other spokes will be strained and the life will be shortened. If it breaks, stop using it immediately.
- ❌ - Please do not use this product if there is a big fall or collision to the front for even if it looks safe. looks no damage.
- ❌ - Please discontinue use if the rear derailleur is bent.


Function overview and Functional areas

◆ Power on/off

Long press Switch button then the display will work normally, and the controller will power on at the same time.

◆ Walk Assist Mode

Press and hold Down button for 2 seconds to enter the Walk assist mode. The E-bike will travel at a constant speed of 6km/h.

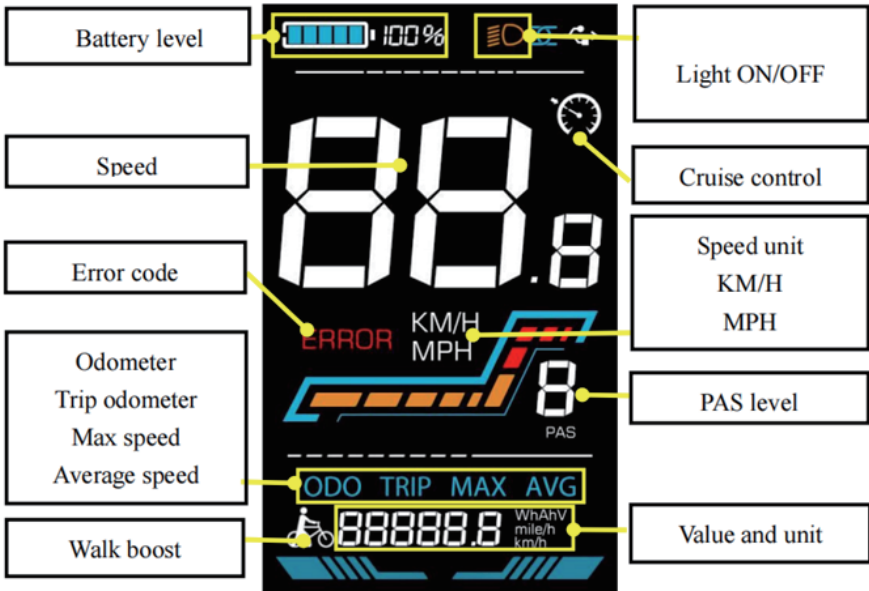
 **Walk Assist function can only be used as pushing the e-bike by hands. Please! don't use this function when riding.**



◆ PAS Level Selection

Short press the UP or DOWN button to switch the PAS level. The default range of PAS level is 0-5 levels.

◆ Display Manual



 **Don't modify system parameters to avoid parameters disorder.**

If the e-bike is not used for more than 10 minutes, the display will automatically shut down.

Fault code description table

Error code	Definition	Solution
E001	Controller abnormal	Check whether the controller cable pins' sequence match.
E002	Communication abnormal	Check whether the display and controller are well connected
EB003	Motor Hall signal abnormal	check whether the hall outlet is in good condition
E004	Throttle abnormal	Check whether the throttle is restored to the initial state
E005	Brake failure	Check whether the brake is restored to the initial state
E006	Motor phase failure	Check whether the outgoing cable of phase line is in good condition; Check whether the motor phase cable is well connected with the controller

Question & Answer

Q: How to turn on the light?

A: Long press power button to turn on the display first, then short press light button to turn on/off the lights .

Q: Can I make a copy of the key?

A: Of course you can, we will provide 2 keys in original package and you could copy them as back-up.

Q: Does this bike can be operated as a normal bike without the motor assist?

A: Yes, this ebike has 3 riding modes, which are Ebike & Pedal-assisted & Normal bike. If you do not turn on the display and power, you can ride as an ordinary bicycle.

Q: Can I ride it in the rain?

A: This electric bike for can be rode in the rain thus all the material it made are waterproof, but we don't recommend you to like that often, and suggest drying your bike after your ride in rainy day.

Q: Why do the tires have riding marks?

A: The wrapped tires received may have traces of riding, which are left by the factory when each car is self riding.

Q: Is the battery removable?

A: Yes, the battery can be taken off from the ebike. Use the keys to unlock, you can charge the battery in the electric bike or charge it alone in a convenient way.

WARRANTY CARD

parts	Warranty
Frame, front fork	12 months
motor	12 months
Controller, instrument	12 months
Battery/charger	6 months
Booster/Switch/Accelerator Handle/Headlight/Brake Handle/Taillight/Seat Bag/Oil Brake/Brake Handle	1 month
Tires/phone holders/tailstock/fenders/car baskets/pedals and other small accessories	7days
If it is not a quality problem, please pay for the accessories by the customer.	