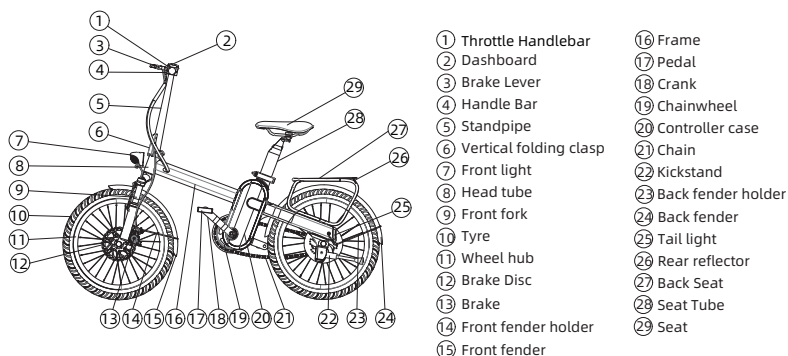




# **DYU SMART ELECTRIC BIKE R1 INSTRUCTION**

Do not use this product without carefully reading this instruction manual  
and understanding the performance of electric bicycles  
Please keep the instruction manual properly

# Smart E-bike Using Manual

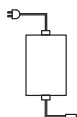


Note: Some details may be a little different from the above picture due to product upgrading, which will not affect the usage.

## Accessories List



Pedal×2



Charger×1



Manual×1



Warranty card×1



Allen key×1



15mm Open Wrench×1

## Folding Chart:



1.Insert key,rotate switch, release handle.

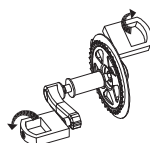


2.Lock the handle after adjusting seat tube height, then lock with rotating the key.








3.Rotate connector and pull out the power cable,insert the seat tube,lock it strictly with handle,rotating the key.

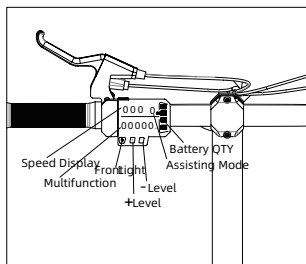
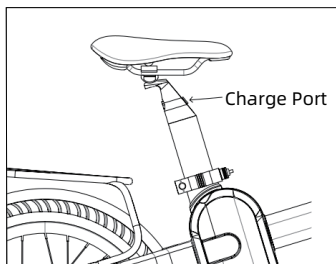
## Install Pedals:



Right Pedal: Rotating clockwise  
Left Pedal: Rotating Anticlockwise

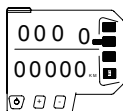
## Functions

1. Open the carton, straighten the handle with wrench, put the front wheel into front fork groove, Install the Easy-Opening to lock strictly, gently grasp the brake lever several times, before the brake lines return to optimal condition, confirm that front wheel no abnormal sound while rotating, and front & rear brakes' function normal. Insert seat tube, lock it with handle after adjusted the seat height, connect with power cable, install the pedals, then OK.
2. Charging: connect the charger, keep charging one more hour when its indicator light turns red to green.
3. Long press  dashboard 's power button to switch on/off, view its resume for more functions.
4. Light Switch:  Long press power  button in 3 s to turn on / off front light, view its resume for more functions.  
5. Range Switch: To change the Assist/Speed Gear while cycling, short press the Plus / Minus key, dashboard will show the assisting modes, view its resume for more functions.
6. Battery Indication: Dashboard has 5 modes of battery quantity indicator, view its resume for more functions.
7. Brake & Tail Light: the sensor can't power up & accelerate when brake no rebounds completely, night light & front light are synchronous switching, the brake lamp lights up while braking.
8. Multi-function Display Area: Digital VOL、Speed RM、CONS、Total Mileage ODO、Single Mileage TRIP、Remaining Mileage RANGE (need battery protection App support)、Running TIME, view its resume for more functions.
9. Speed Display Area: CUR Speed、MAX Speed、AVG Speed、MPH、KM/H, Dashboard will figure out real speed based on wheel diameter, signal datas (The motor need setting up magnetic steel number).
10. To use Navigate & Anti-theft function, kindly pls focus our "大鱼智行车服务号" wechat official account. (this function is optional, only fit on some products).
11. Battery Removal & Installation: the seat tube is removable, need the key to open the handle switch, to adjust the seat-tube battery, can adjust up and down, remove the tube battery. If need to replace, pls contact customer service.



## Dashboard

Current Battery  
Electricity QTY



Show Current Battery  
Electricity QTY Grade

Product Parameters

Appearance Size	Model	R1
	Frame Material	Aluminum
	Foldable Size	1530*220*720 mm
	Spread Size	1530*570*1140 mm
	Package Size	1290*260*635 mm
	Centre Distance	976 mm
	Pedals' Ground Clearance	130 mm
	Wheel Hub Size	20 inch
	Frame Color	Black, Silver, Blue
Performance	Net Weight	20.1 KGS
	Max Loading	150 KGS
	Riding Speed	20 km/h
	Max Speed	25 km/h
	Power Consumption per 100km	1.1 kWh
	Pure Electric Mode	km
	Assist Mode	25 km
	Uphill Grade	15 °
	Temperature	-10 to 45 °C
	Waterproof Level	IP54

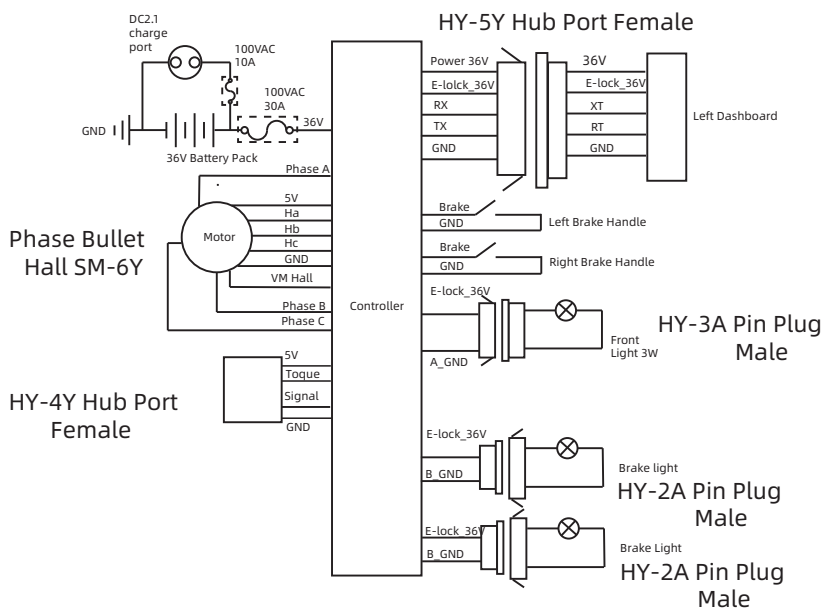
Note: Battery Power, load situation, tire pressure, road environment, chain and axle lubrication will affect the Max speed; The mileage is measured at 25 km, Load weight is 60kg, the speed is 15-20km/h, the leveling &hardening road surface, and the battery completely exhausted from full charge, uninterrupted test; Driving habits, temperature, loading, tire pressure, road environment and other factors will affect the cruiser mileage.

Product Parameters

Accessories Parameters	Model	R1
	Battery Type	Lithium Ion Battery
	Battery Capacity	5Ah
	Battery Rated Voltage	DC36V
	Charging Voltage	DC42V
	Charger Input Voltage	AC220V
	Charging Time	3--4H
	Motor Type	Brushless D.C.Motor
	Motor Rated Power	250W
	Motor Rated Speed	280r/min
	Motor Rated Voltage	36V
	Controller Under-Voltage Value	31±1V
	Current Limit Value	15±1A
	Battery Fuse	Main Fuse 30A Secondary Fuse 10A
Product Features	Anti-theft System	No
	Smart App Control	No
	Front Light	Yes
	Rear Light	Yes
	Seat Height	Adjustable Seat Tube Battery
	Sensor	Toque Sensor
	Brake Mode	Front & Rear Dual Disc Brakes
	Personalized Sticker	Support

Note: Battery Power, load situation, tire pressure, road environment, chain and axle lubrication will affect the Max speed; The mileage is measured at 25 km, Load weight is 60kg, the speed is 15-20km/h, the leveling &hardening road surface, and the battery completely exhausted from full charge, uninterrupted test; Driving habits, temperature, loading, tire pressure, road environment and other factors will affect the cruiser mileage.

# 电路原理图



## ATTENTION

### Battery and Charging

Limits 0°~45° conditions for charging, -10°~45° discharge, keep the battery dry, do not put the battery in acid, alkaline liquid, avoid rain, away from the fire, heat source and high temperature environment, it is prohibited the positive and negative poles of the battery are connected reverse, do not destroy, disassemble the battery or make the battery short circuit.

When charging, please use the original charger, do not use other chargers, do not exceed 6 hours, the charging current does not exceed 2A, when not used for a long time, please keep the battery in a cool and dry place, and charge the battery for two hours every month.

Users must charge in accordance with the requirements of the instructions, otherwise the consequences.

Pay attention to the type of battery the charger can charge and the applicable voltage, do not mix. When charging, it should be placed in a ventilated environment.

Charging in a confined space or under the hot sun and high temperature is strictly prohibited. When charging, plug in the battery first, then add the mains power; After charging enough, first cut off the mains, and then pull out the battery plug. 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.

In the process of charging, if the indicator light is abnormal, there is a peculiar smell or the shell of the charger is overheated, you should immediately stop charging, and repair or replace the charger.

Waste batteries belong to dangerous chemicals. It is not allowed to dismantle the waste batteries without authorization, and the relevant professional departments shall organize recycling.

In the use and storage process, pay attention to avoid the entry of foreign matter, especially to avoid the inflow of water or other liquid, so as not to cause the charger internal short circuit.

The charger should not be carried with the car as far as possible. If it is necessary to carry it, it should be placed in the tool box after shock absorption treatment. The device in the charger is not allowed to be disassembled or replaced by itself.

### Riding

Do not use the product until you have read the instructions carefully to understand its performance;

Do not lend this product to people who can not operate, so as not to cause injury;

Cyclists must wear safety helmets, obey the traffic rules, do not allow to ride in the motorway and pedestrian roads;

Carrying people or articles according to the requirements of laws and regulations, do not park in the entrance hall, evacuation stairs, corridors and safety entrance;

Do not charge and park in residential buildings, charging should be away from combustible, charging time should not be too long;

Drive on the right side of the non-motorized lane, downhill and paved road surface no more than 15km/h. Drive on the right side when there is no non-motorized lane; When adjusting handlebars or saddle, pay attention not to leak the safety line mark of the riser pipe and saddle pipe;

Please check the tire pressure before riding. The recommended tire pressure is 35-45psl. Before riding, please check the state of power supply circuit, lighting circuit, etc.

Before riding, please check whether the front and rear brakes can work normally, check the fastening state of the handlebars and front and rear wheels, and check whether the reflector is damaged or polluted;

When using the motor should pay attention to do not vigorously impact, keep shaft lubrication;

It is not allowed to ride over the maximum load of the body (maximum load 120KG); When riding in rain or snow, the braking distance will be extended. Slow down and drive slowly

Try to avoid traveling in bad weather such as heavy rain

**Single-handed cycling is prohibited. Please wear a helmet. It is suitable for people aged between 16 and 45.**

## Maintenance

The front and rear wheels of the vehicle should be located in the center of the front or frame;

After cycling, please place the bike in a place without sunlight and rain. No water is allowed to wash the bike. A semi-dry cloth can be used to wipe the surface of the bike.

Check the motor and brake frequently, the brake can not be oiled;

Regularly check the E bike each screw and need tighten them, regular reinforcement;

Suggested torsion: Handle Bar screws: 60-80 kgf.cm, standpipe screws: 175-200 kgf.cm, seat cushion screws: 175-250 kgf.cm, wheel screws 320-450 kgf.cm.

Regularly check the chain tension, which can be adjusted by the chain regulator.

Always check the tire for scars, cracks or excessive wear. The inner tube and air nozzle should be perpendicular to the wheel and not slanted. Accidentally punctured, damaged or excessively worn inner and outer tires need to be replaced immediately.

Please find a professional technician to repair or replace your outer tires.

Refit of frame, front fork, standpipe and other key structural parts and electrical function parts is prohibited. If damaged, the original parts must be replaced. Otherwise, three guarantees of service will not be provided.



# Disclaimer

- The company reserves the right of modification and final interpretation of the product models, specifications or relevant information mentioned in this manual
- The functions of a specific model mentioned in this manual are only applicable to that particular model;
- The product models, specifications or relevant information mentioned in this manual are subject to modification or change without prior notice.
- The contents of this User's Manual shall not be copied, modified, reproduced, disseminated or published in any form without prior written permission of the Company;
- Please read this manual carefully before using the product and operate in accordance with the manual. Otherwise, the company will not be liable for product damage or personal and property loss caused by improper or wrong use.
- For more product information, please visit the official website: [www.dyucycle.com](http://www.dyucycle.com).



DYU E-bike Owners Group

Manufacturer: Shenzhen DYU Intelligent Mobility Technology Co., Ltd  
website: [www.dyucycle.com](http://www.dyucycle.com)