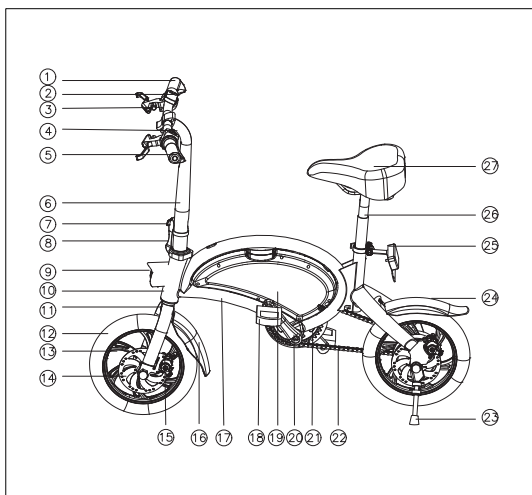




# **DYU SMART ELECTRIC BIKE D2+ INSTRUCTION**

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

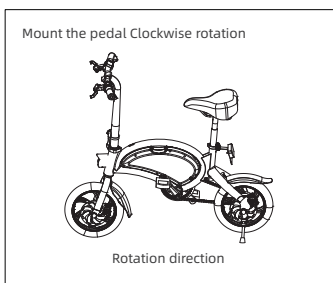
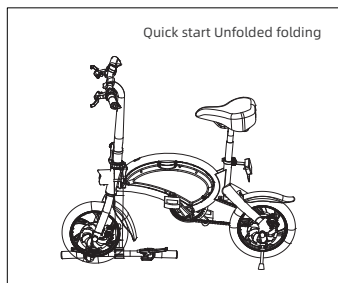
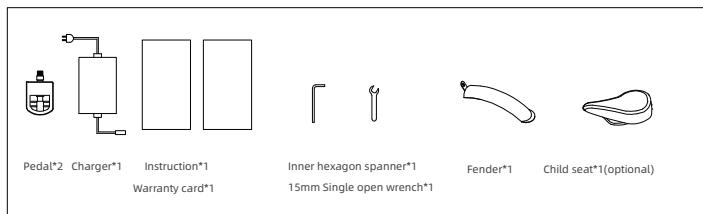
# PRODUCT FUNCTION DIAGRAM



1. Gear shift
2. Dash board
3. Brake handle
4. Handle bar
5. Power button
6. Standpipe
7. Vertical folding clasp
8. Safety buckle
9. Front light
10. Head tube
11. The front fork
12. Tyre
13. Wheel hub
14. Brake disc
15. Disc brake
16. Front fender
17. Frame
18. Pedal
19. Battery box
20. Crank
21. Chain wheel
22. Chain
23. Kickstand
24. Back fender
25. Back light
26. Seat tube
27. Seat

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

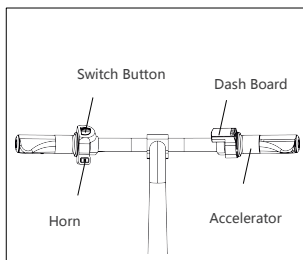
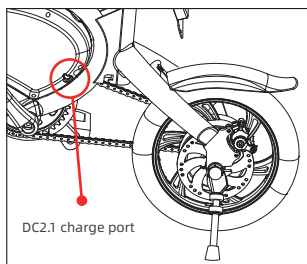
## LIST OF ACCESSORIES



## FUNCTION

1. Charging: Connect the charger to the power plug and then to the Dyu E-bike. When the charger indicator turns green from red, it shows full power.
2. Turn on the Dyu E-bike: Push forward the boot button to turn on the E-bike, the dash board lights up; Push back the boot button to turn off the E-bike.
3. Battery status: After booting, the dash board lights up, and electricity shows up, it has four grid, more details can reference the description of Dash board in the instruction.
4. Horn: Pressing the horn button, the horn sounds up. Clicking recommended. When pressing for over 10 seconds, the horn stops, you need to repress it.
5. Front light: The middle button in the dash board is the front light button, you also can turn on/off the light with App.
6. Brake and rear light: You can not speed up before fully loosed the brake. The battery taillight needs to be turned on and off manually.

7. Electric & Assistant mode: When booting the E-bike, default is the ECO mode. Three assistant mode you can shift, please reference the description of Dash board in the instruction. In each of the assistant mode, can speed up and ride it.
8. Zero speed booting and none zero speed booting. Zero speed booting: when the E-bike on standby mode, you can accelerate with speeding bar; None zero speed booting: the bike boots when it runs only (APP controlled)
9. Cruise control: When you are riding, press the accelerator for 5 ~ 8 seconds, then release the button, it will maintain and move at the current speed. If repress the accelerator or brake will cancel the cruise control.
10. Hold the brake gently when going downhill, can recover the part of the power and charge for your Ebike.
11. For more functions, please download the APP (you can install it through scanning the QR code on Users Manual), the initial password is :123456.



## INTRODUCTION TO METER

See below meter screen:



### INTRODUCTION TO THE ICONS ON METER INTERFACE

Definition of Display Icon	Display Icon	Display
Front Light		When the front light is turned on, this icon is always luminous. When the front light is turned off, it will be lightless. (The users can take this function for reference when pressing the button on meter to turn on or turn off light. Other operations to turn on or turn off light is subject to actual functions.)

Current Mileage		It displays the current mileage from start-up, from 0.0 to 9999KM. Less than 1000hours, mileage displays 0.0 to 999.9KM. More than 1000hours, mileage displays 1000 to 9999KM.
General Mileage		It displays general mileage, from 0.0 to 9999KM. Less than 1000hours, mileage displays 0.0 to 999.9KM. More than 1000hours, mileage displays 1000 to 9999KM.
Current Speed		It displays the current speed.
Current Power		It displays power range.

## FUNCTION OF BUTTON

Name	Icon	Description
Front Light Button		Under power-on mode, this button is for turning on or turning off the front light.
Functional Button		Functions of this gear button: ECO means energy-saving mode; MID means medium grade. HIGH means high grade with circular switch.
Adjusting Button		ODO, TRIP, Voltage, Failure Code and Circular Adjustment Display.

When E-bike is working under Cruise Mode, the icon of "ECO, MID, HIGH" will display flashing. When the Cruise function is cancelled, the icon of "ECO, MID, HIGH" will stop flashing.

## ELECTRIC INSTRUCTION

Power Percentage	> 70%	50%~70%	30%~50%	< 30%
Display				

When the battery power less than 30% "" , the power meter will monitor if the power level is less than low-voltage protection standard. After the power meter has detected that power level is lower than low-voltage protection standard, the icon "" will keep flashing, which warns a battery low-voltage.

## FAILURE CODE

Under the Failure Code mode, the current failure code will show up flashing. Please check below description of failure code:

"EE-1" means that the meter fails to receive the communication signals.

"EE-2" means that the meter fails to send the communication signals.

"EE-3" means that the control board fails.

"EE-4" means that Hall sensor fails.

"EE-5" means default phase fails.

"EE-6" means gear shift handlebar fails.

"EE-7" means that brake handlebar fails.

"EE-8" means assistant sensor fails.

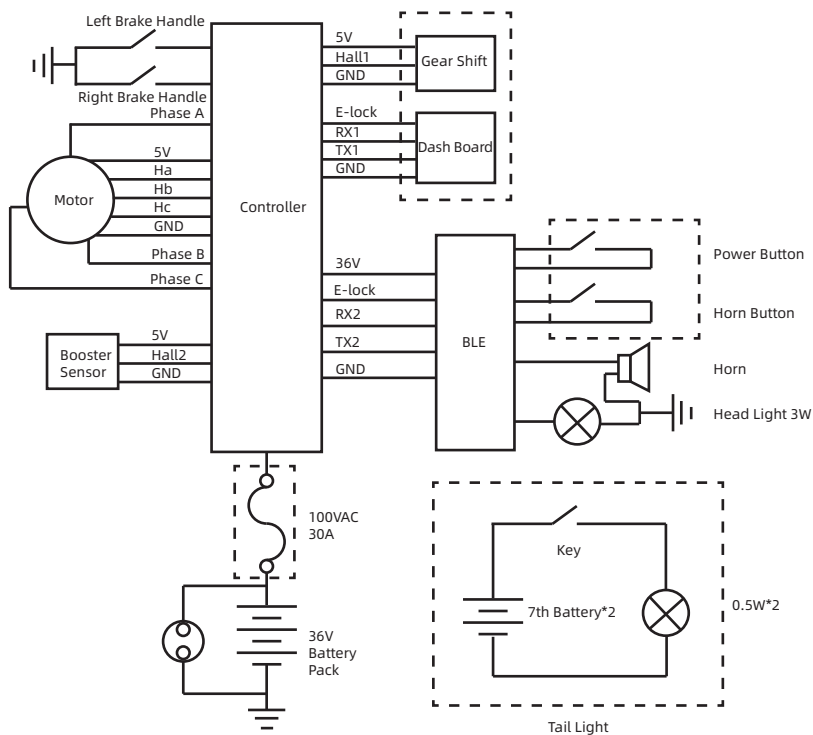
"EE-9" means the motor under low-voltage protection.

# PARAMETERS

Size	Material	Aluminium alloy
	Folding size	1060*220*670mm(didn't install the pedal)
	Folding size	1060*290*670mm(the pedal be folded)
	Released size	1060*500*990mm
	Pedal height	105mm
	Hub size	12inch
	Package size	1070*230*600mm
	Color	Black/ White
Performance	Weight	16kg
	Max load	120kg
	Riding speed	20km/h
	Max speed	25km/h(App adjusted )
	Mileage(pure electric)	40±5km
	Assistant-Mileage	40-60km
	Uphill	15 degree
	Temperature	-10~45°C
	Waterproof	IP54
Standards	Battery	10Ah
	Rated power	240W
	Rated voltage	36V
	Charging voltage	DC42V
	Input voltage	AC100~220V
	BMS	Yes
	Charging time	5-6H
Features	App	Yes
	Personal sticker	Yes
	Lights	Yes
	Cruise	Yes
	Brake mode	Front and rear disc brake

Remark: Many factors will affect the max speed,such as power,load,tyre pressure,road conditions,chain,lubrication degree etc. Mileage has been measured on basis of temperature 25°C,load of 60KG,speed of 15-20KM/H,smooth and hard road,and from full battery to dead battery. It also is subjected to other factors,such as driving habits,temperature,load,tyre presure,road conditions etc.”

# SCHEMATIC



## CAUTION

Charge between 0 degree- 45 degree, rife between -20 degree to 60 degree, keep the battery dry. Don't put it in acid and alkalinity fluid. No rain, fire and heat. Don't put the battery positive an negative wrong. Don't damage disassemble the battery or use the wrong adapter. Don't charge it over 6 hours and don't charge it over 2A.

When not using for a long time, please put the battery in dry and cool place and charge it for 2 hours every 2 months. Follow the instruction or the user will be responsible for the consequence.

When charging, Please be careful of the battery type and voltage, place the battery in open air and don't put it under bright sun shine and closed space.

When charging, please place the battery first, then connect the electricity; after charging, cut the electricity then cut the battery plug. When the green light lights up, turn off the power, don't connect the battery when not charging.

When charging, if the indicating light goes wrong or some strange smell shows up or the charger is over hot, please stop charging immediately, them check and repair or replace the charger. When using or storing the charging. In case of something wrong were dropped into the charger, especially the water or other fluids, please don't take the charger when possible. Otherwise, be careful and put it in the cool box. No disassembling the charger yourself.

Please check the brake before riding.

Please brake the rear wheel first.

Be careful of the tightness of brake, use the hexagon wrench when it's loose.

Rainy and snowy days need longer braking distance.

**Suitable age :16-45 years old.**

## Riding

Read the instruction first to know the product performance first.

Don't lend it to someone who is not familiar with it.

Wear a helmet when riding. Obey the traffic rules and don't ride it in the cars road. Don't riding it in the crowded road.

When go downhill or slippery road, the speed should be under 15km/h.

Inspect the Tyre before riding, Tyre pressure should be 35-45PSI.

Don't over impact the motor, keep the axile smooth.

Don't over load.(Max load is 120kg)

**Please be careful of the adding distance when it under the rainy day and snow day.**

Single-handed ride is prohibited.

## Maintenance

The E-bike front and back wheel should be at the center of the frame.

Put the E-bike up after riding at cool and dry place.

Check the Motor and Brake often, **don't inject the oil onto the brake.**

Check the E-bike and screws and places that need fixing, fix it often.

Suggested torsion: Bar screws 60-80 kgf.cm, bar stand screws 175-200kgf.cm, wheel screws 320-450kgf.cm.

Check the Tyre is pierced and leaks air, please contact professional technician for repairing and replacing.

## Responsibility announcement

All the product model, type and related information copy right and explain right are reserved.

This instruction is suitable for denoted models.

Any changing or replace part of the E-bike will not be informed again.

No copy, modification, propaganda or publication before getting the permission form F-wheel.

Read the instructions and follow the instructions or the user will be responsible for the damage.

DYU won't be responsible for injuries, casualties and possession damages.

For more information please visit : [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)