

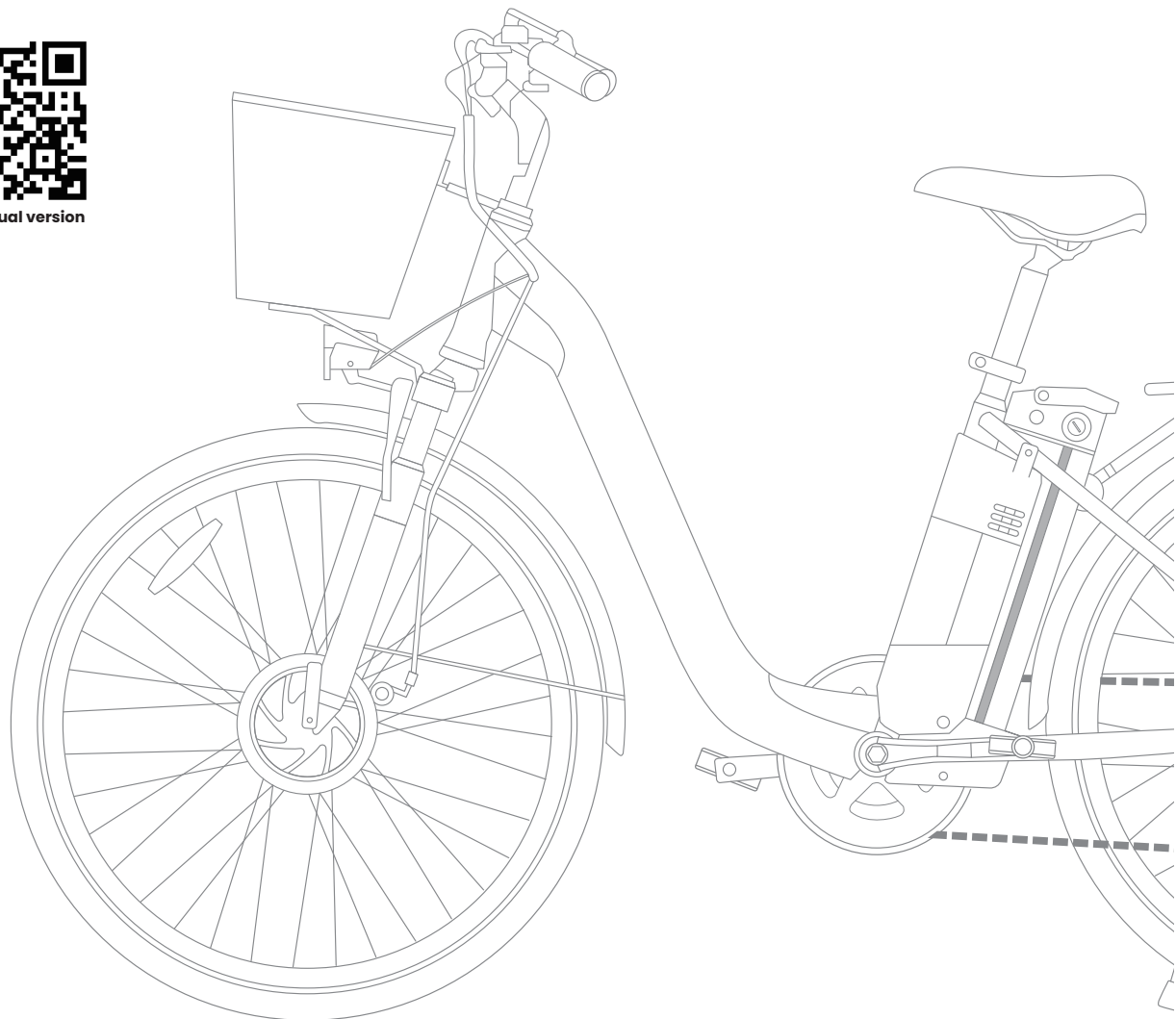


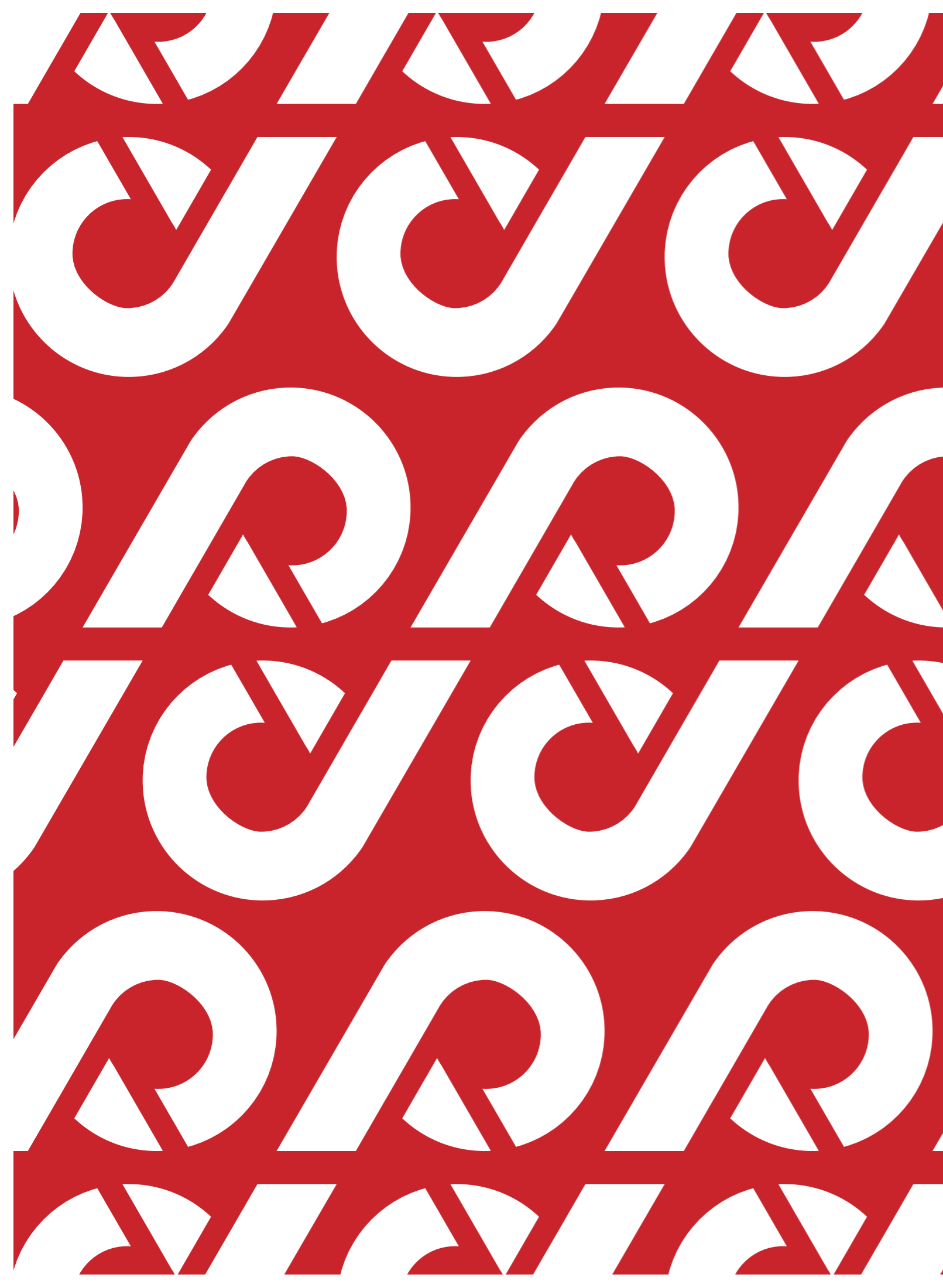
# DYU SMART ELECTRIC BIKE C6 PRO INSTRUCTION

Do Not Use This Product Without Carefully Reading This Instruction Manual and Understanding The Performance Of Electric Bicycles please Keep The Instruction Manual Properly



Multilingual version





**Discover Your Uncharted Ride**

# TABLE OF CONTENTS

**03**

**Parts & Components**

**11-12**

**2. Functions**

- 2.1 Kickstand
- 2.2 Brake

**16-17**

**Specification**

**18**

**Contact us**

**04**

**Warranty Statement**

**12-14**

**3. Riding**

- 3.1 Riding modes
- 3.2 Motorized ride
- 3.3 Derailleur system
- 3.4 Riding safety

**18**

**Trademark**

**04-10**

**1. Assembly**

- 1.1 Front Wheel
- 1.2 Handlebar
- 1.3 Seat
- 1.4 Pedals
- 1.5 Battery
- 1.6 Tires

**14-15**

**4. Storage and maintenance**

- 4.1 Storage
- 4.2 Maintenance

**18**

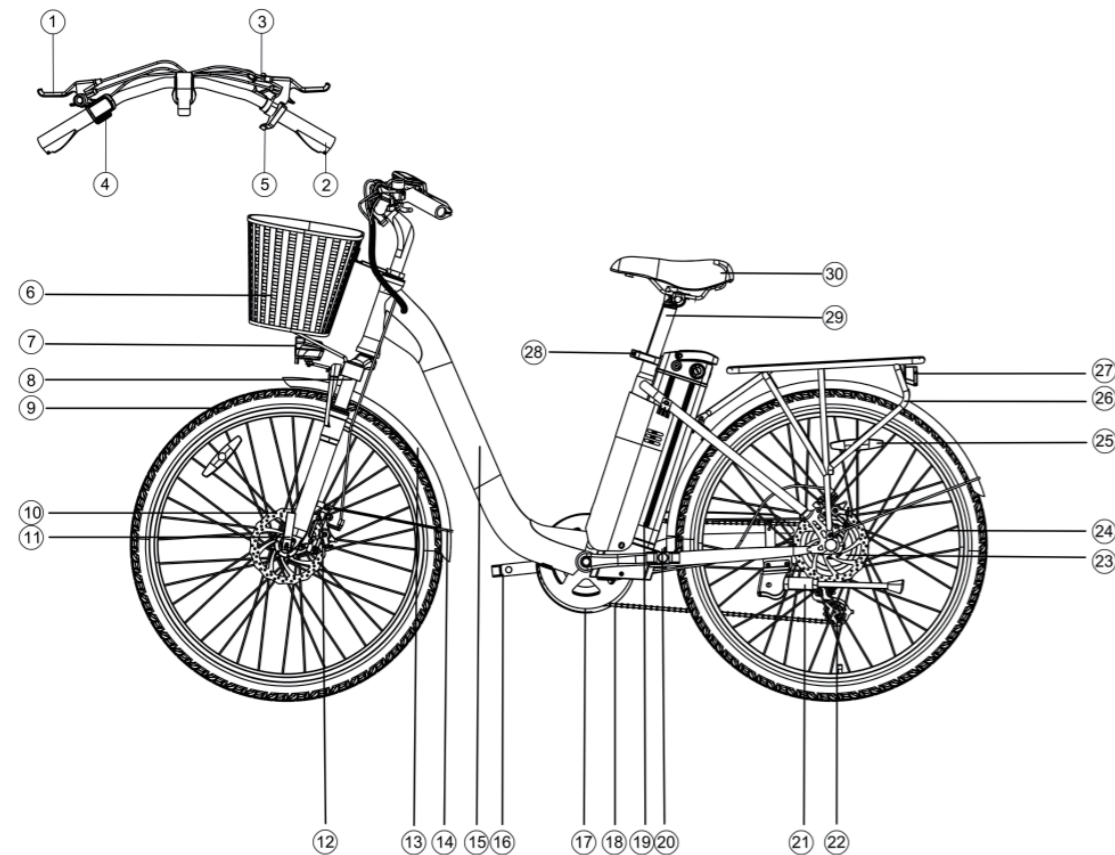
**Disclaimer**

## Parts & Components

- |                      |                        |                             |
|----------------------|------------------------|-----------------------------|
| 1. Brake Lever       | 12. Disc Brake Caliper | 23. Motor                   |
| 2. Grip Cover        | 13. Mudguard           | 24. Spoke                   |
| 3. Electric Shifter  | 14. Mudguard Support   | 25. Wheel Reflector         |
| 4. Display           | 15. Frame              | 26. Pannier Rack            |
| 5. Mechanic Shifter  | 16. Pedal              | 27. Taillight               |
| 6. Basket            | 17. Chain Wheel        | 28. Seat Tube Quick Release |
| 7. Headlight         | 18. Chain              | 29. Seat Tube               |
| 8. Front Fork        | 19. Battery            | 30. Saddle                  |
| 9. Tire              | 20. Chain Cover        |                             |
| 10. Disc Brake Rotor | 21. Kickstand          |                             |
| 11. Quick Release    | 22. Derailleur         |                             |

### Tools and accessories include:

- |                             |                    |                        |
|-----------------------------|--------------------|------------------------|
| One Multifunctional Spanner | one pair of pedals | One Battery            |
| One Charger With Cable      | One Warranty Card  | And One Owner's Manual |



## Warranty Statement

Should the product you purchased comes with missing or damaged parts or functions (within the scope of warranty), DYU shall provide you with repair and replacement service within the specified period of warranty (which can be tracked by the order number on the DYU official website, or by the proof of purchase that can be obtained from the retailer).

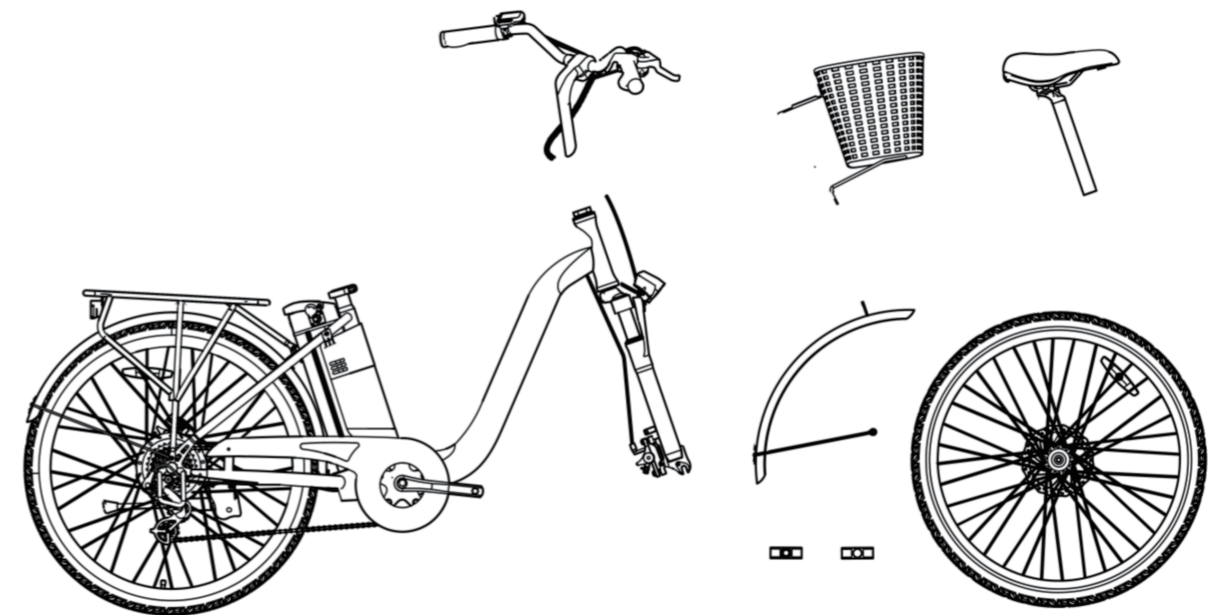


Please note that the warranty applies to purchase from the DYU official website or designated retailer only. DYU shall not provide the repair and replacement service to any produce purchased from elsewhere.

### For details, please visit:

<https://dyucycle.com/pages/warranty>

## 1. Assembly



Parts to be assembled: Handlebar (demonstration video is available via the QR code on the eBike), Basket, Front Wheel, Seat Tube, Pedals, Front Mudguard, and Headlight.

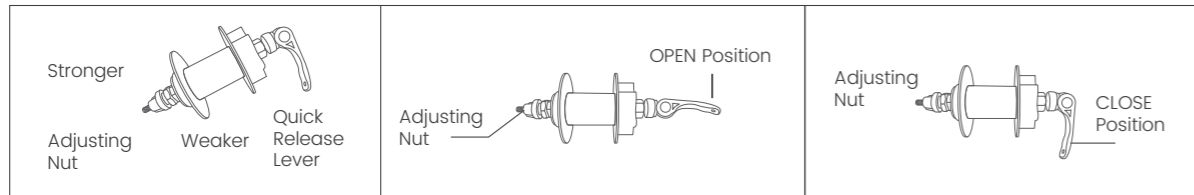
## 1.1 Front Wheel

### How to assemble

#### I. Basic mechanical principle with the quick release lever

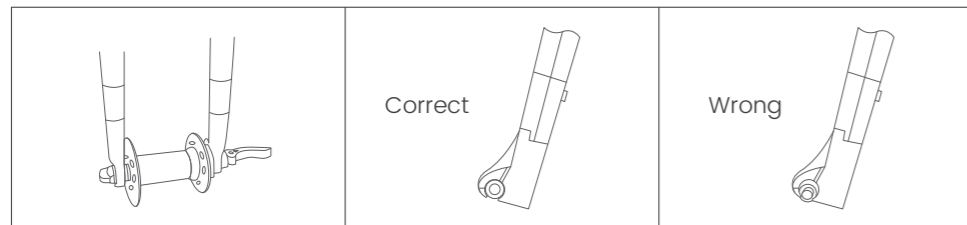
Turn the adjusting nut clockwise to increase clamping, and counter-clockwise to decrease.

**For the quick release lever to be in the CLOSE position, turn the adjusting nut clockwise. As the nut screws inwards, the wheel is clamped onto the frame and locked into the correct position.**

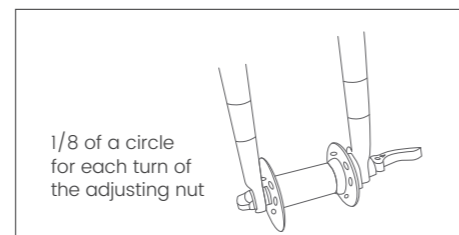


#### II. How to install

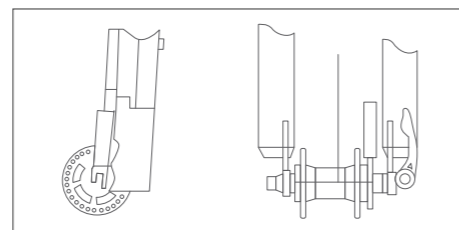
1. Open the quick release lever, and insert the front wheel all the way into the dropouts of the front fork.



2. With your left hand, turn the adjusting nut clockwise to fasten up, and with your right hand, close the quick release lever. Continue to turn the adjusting nut till the lever runs parallel to the hub (as indicated below) and resistance from the lever is felt.



3. Hold the legs of the front fork with your fingers, and use your palm to press on the quick release lever to lock into place. The CLOSE mark should face outwards, and the lever should be ahead of the legs or parallel to them (as indicated below).



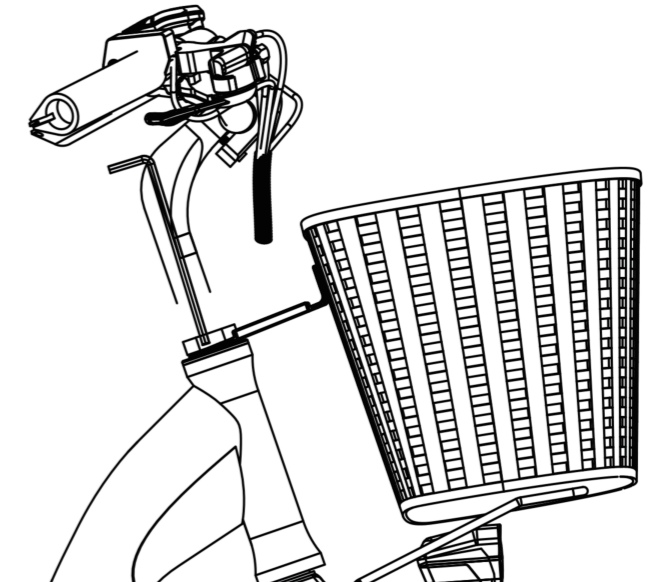
## 1.2 Handlebar

### How to assemble

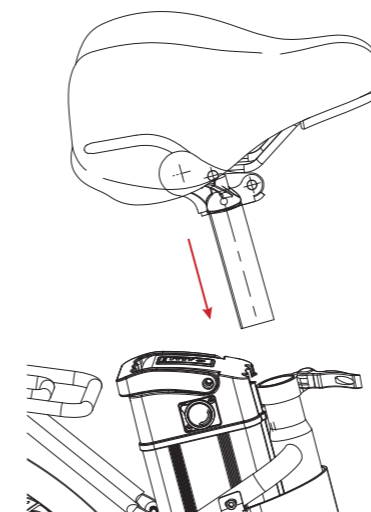
1. Pull the riser up, and align it with the head tube and front fork.

2. Press down with your hand, and insert the part with handlebar all the way into the head tube. Adjust the angle, and fasten the screws.

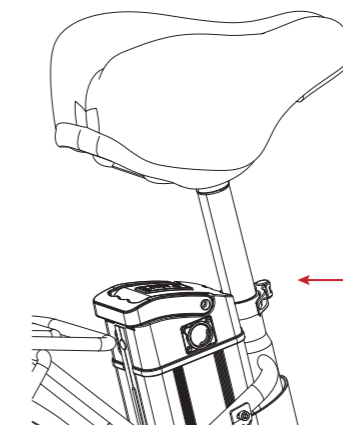
**Demonstration video is available.**



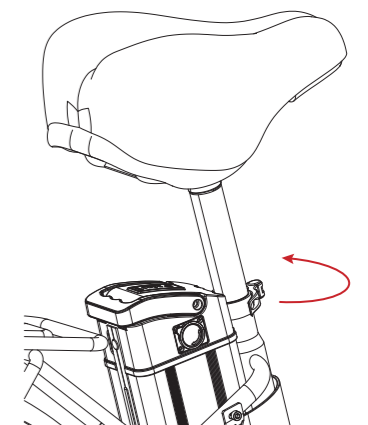
## 1.3 Seat



1. Loosen the seat tube clamp.



2. Insert the seat tube into the frame. Adjust the seat tube to desired height, but never go below the minimum mark. Tighten the nut and close the clamp.



3. Push the seat left and right to confirm the stability. If rotation occurs, please turn the nut clockwise for half a circle, close the clamp, and check again.

## 1.4 Pedal

### How to assemble

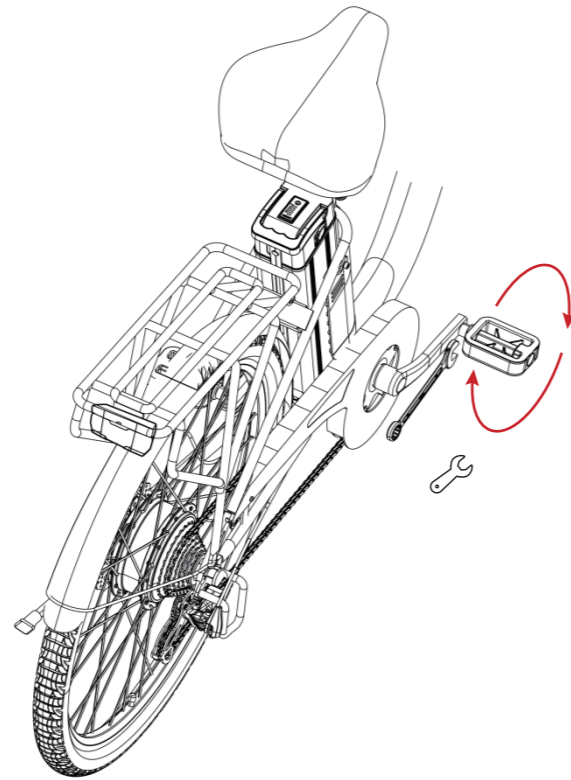
1. Insert the pedal marked "R" into the threaded hole on the crank end on the right side of riding.

Hold the pedal with your hand, and turn it

2. clockwise for a few rounds. Then clamp the pedal shaft with the spanner in the package, and turn it clockwise until fastened.

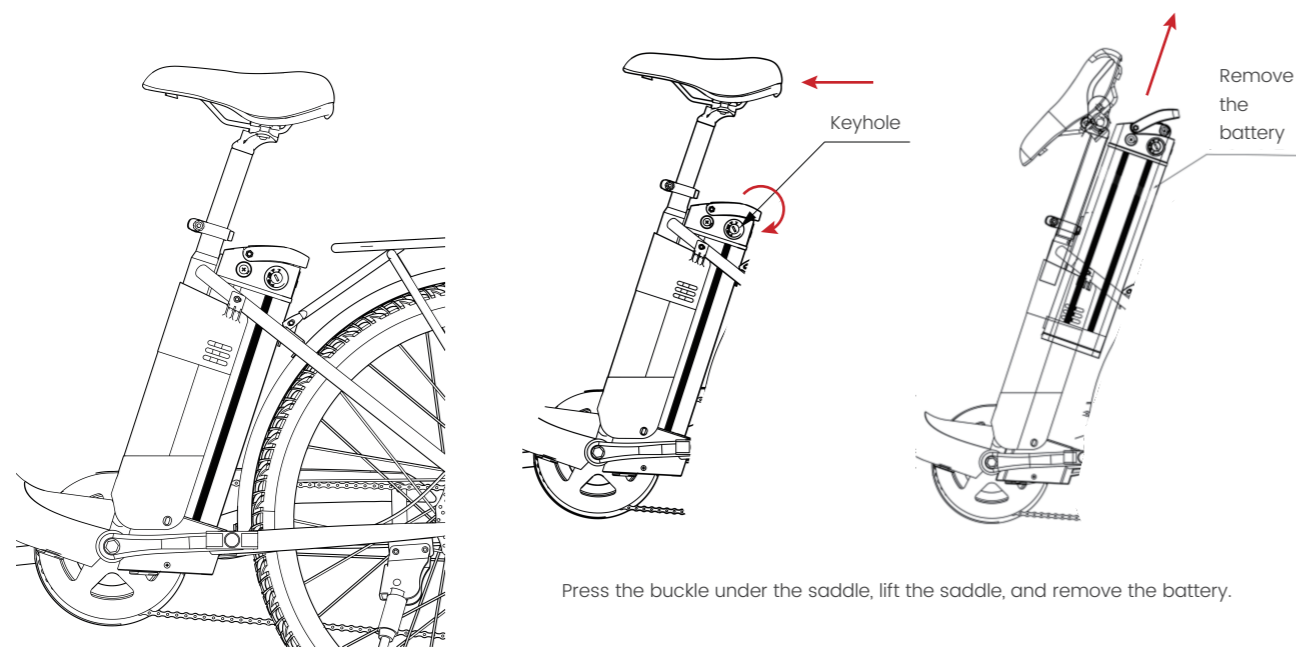
3. Find the L pedal and repeat the above steps (but rotate counterclockwise).

4. If you feel resistance when turning the pedal shaft, immediately remove the pedal to avoid possible damage. Attach the pedal again and make sure the pedal shaft is perpendicular to the threaded hole on the crank. Proceed with the rest of the steps.



## 1.5 Battery

### Remove the battery



## Battery Define:

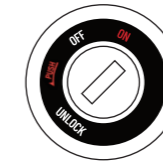
### INTRODUCTION TO METER

**PUSH LOCK:** Can remove battery in lock tongue retracted state remove battery case after remove;

**the key:**

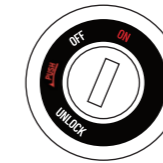
**OFF:** Remove the key when lock tongue extended, non power-on; battery case locked, immovable;

**ON:** Remove the key when lock tongue extended, in power-on state; battery case locked, immovable;



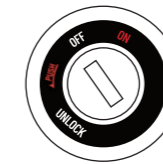
**LOCK:**

The battery is not engaged. The key can be removed. The battery can be removed when unlocked. The power cannot be turned out when charging.



**ON:**

The battery is engaged. The key can be removed. The power cannot be turned out when charging.

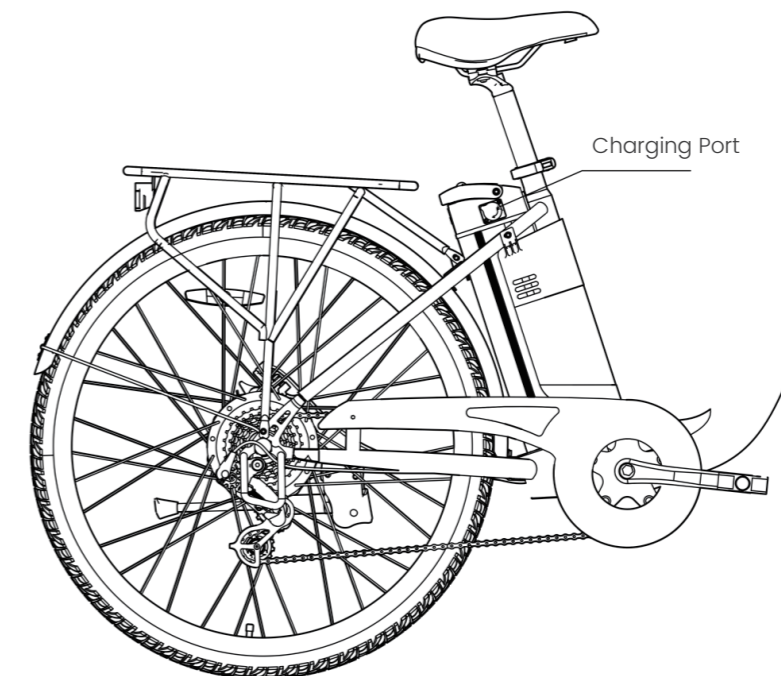


**OFF:**

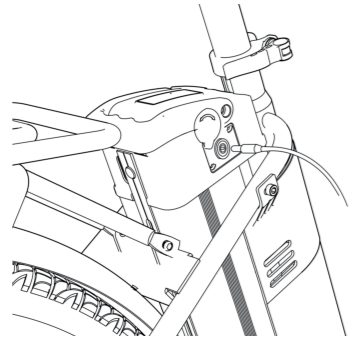
The battery is not engaged. The key can be removed. The battery cannot be removed when locked. The power cannot be turned out when charging.

## Charge the battery

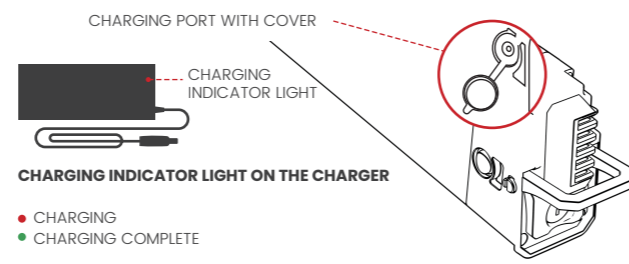
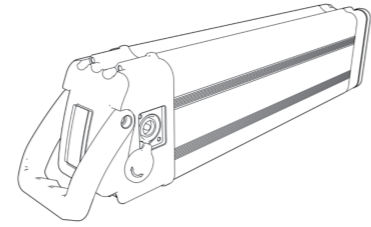
For charging, the battery can stay inside the frame (via the charging port) or be removed from the frame.



1. When battery stays inside the frame, ensure normal connection of the battery first.
2. Connect the charging cable with the charger, and then to the charging port on the frame.



3. Plug the charger to the mains to start charging. When the charging indicator light is red, the battery is charging. When the light turns green, the charge is complete. A full charge takes 5-6 hours. Disconnect the charger after charging.
4. Close the charging port cover.



To charge the battery away from the frame, remove the battery first.

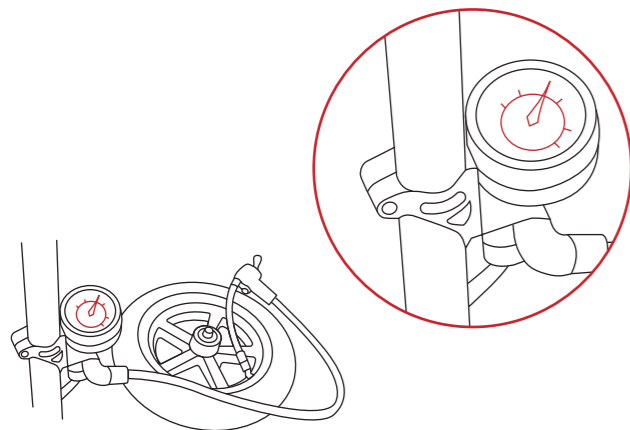
**ATTENTION:**

1. Please use the charger from the package.
2. Please keep the charging port cover closed when not charging.
3. Do not switch on the battery while charging.
4. To preserve battery life, always charge the battery fully.
5. Unplug the charger immediately when the indicator light turns green.
6. Do not disassemble the battery.

**1.6 Tires**

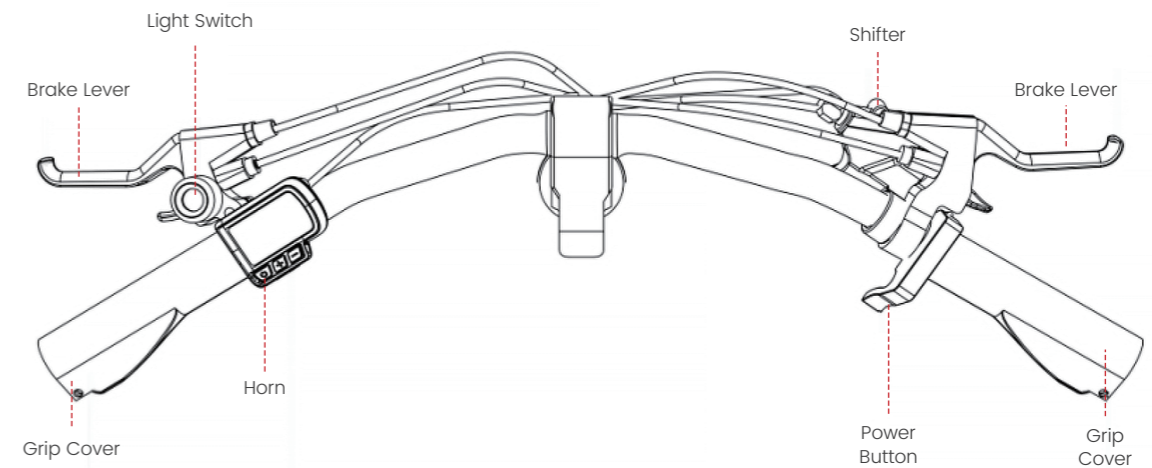
Before every ride, check the tires for proper tire pressure.

**Inflate the tires**

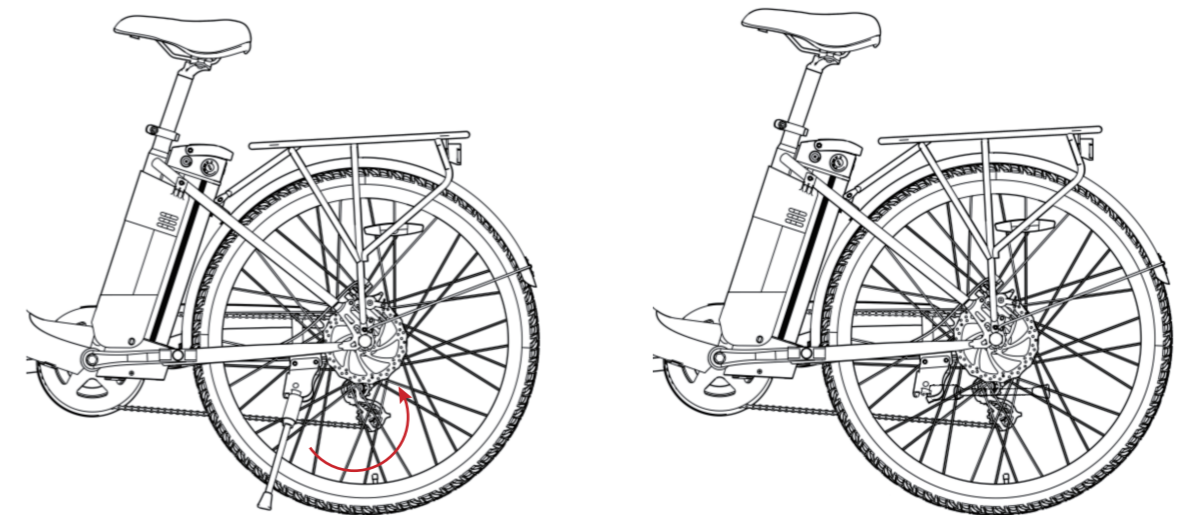


1. Unscrew the valve cap counterclockwise.
2. Clip the pump on the valve, and start pumping. Each push should be even.
3. Stop pumping when there is enough tire pressure, and detach the pump.
4. Screw the valve cap back clockwise

**2. Functions**



**2.1 Kickstand**



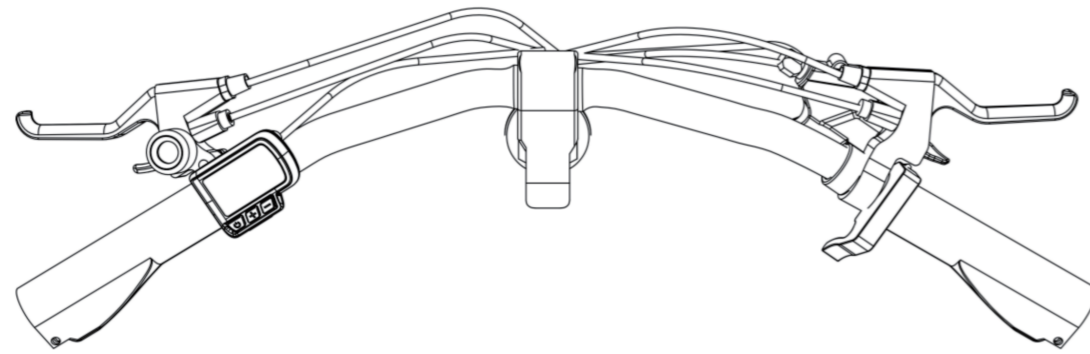
1. Kick the kickstand backward with your foot, and it shall lift up to a position parallel to the ground.
2. Gently press down the kickstand towards the ground with your foot, and it shall support the eBike against the ground.

**Note: Please be sure to swing the kickstand up before riding.**

## 2.2 Brake

### Brake control

The left brake controls the rear wheel, and the right brake controls the front wheel.



## 3. Riding

### 3.1 Riding modes

**Sport** Power is off and there is no motor output. Pedal and exercise.

**Pedal Assist** When the power is on, shift to Gear 1, 2 or 3. While you are pedaling, the motor also provides power for an easier and more energy-efficient ride.

**Throttle Mode** When the power is on, twist the throttle to accelerate and start the ride without pedalling.

**Note:** When your pedaling speed exceeds the maximum speed that the motor provides, the motor is not engaged regardless of the riding mode.

### 3.2 Motorized ride

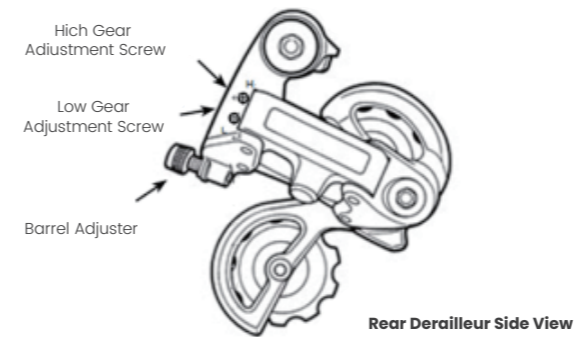
When the power is on, gently twist the throttle on the right-hand side to engage the motor for extra power. The further you turn the throttle, the more acceleration the motor provides. Therefore, to avoid abrupt high speed, twist the throttle slowly.

### 3.3 Derailleur system

The derailleur system includes the front and rear derailleur, the shift levers, and the derailleur control cables, all of which must function properly for smooth gear shifting to occur.

### Rear Derailleur

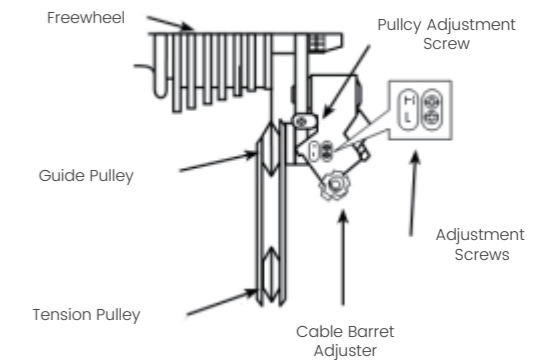
Begin by shifting the rear swifter to largest number indicated, loosen the cable from the rear derailleur cable anchor bolt, and place the chain on the smallest sprocket.



Adjust the high limit screw so that the guide pulley and the smallest sprocket are lined up vertically. Re-tighten the cable, pull out any slack, and re-tighten the anchor bolt securely. Shifting through the gears, making sure that each gear is achieved quietly and without hesitation. If necessary, use the barrel adjuster to fine tune the cable tension by turning it the direction you want the chain to go. For example, turning clockwise will loose the cable tension and move the chain away from the wheel, while turning counter-clockwise will tighten cable tension and direct the chain to the wheel.

### Derailleur

Although the front and rear derailleur are initially adjusted in our factory, you will need to inspect and read just both before riding



### ATTENTION

Always keep your feet on the pedals when riding, whether you need to pedal or not. Riding with your feet dragging on the ground is strictly prohibited.

The maximum speed in each ride may vary, depending on the weather, riding behavior, load, and many other factors. For the test conditions of rated maximum speed, please refer to the Specification toward the end of this manual.

### 3.4 Riding safety



Please note that in case of any violation of laws in your region or the requirements in this manual, DYU shall not be responsible for any resulting product damage, personal, mental or property damage, and related dispute.

### ATTENTION

Although this product is a means of transportation for leisure and entertainment, once it enters the transportation system, it shall be regarded as a motor vehicle with legal rights and responsibilities. Please be sure to learn and understand the local traffic laws before riding.

Please apply common knowledge on traffic. The faster you ride, the longer the braking time and distance which respectively multiplies. While traffic conditions are ever-changing, ride at a safe and slow speed to prevent accidents caused by others. When you are behind pedestrians, please ring the bell but do not startle them (especially children). Remember to slow down when passing a crosswalk to minimize danger.

Before lending this product, please make sure that the borrower is aware of the content in this manual and all applicable laws. The borrower shall have a helmet and other protective equipment ready to wear.

Before each ride, please check for any loose part and abnormal sound. Also check battery level, tire pressure, and the display. In the event of any abnormality, please do not insist on riding but contact customer service on DYU official website immediately for help.

### Weather and terrain

1. When riding in rain or snow, the braking distance shall be extended, so please ride slowly. In severe weather such as heavy rain, avoid travelling.

Slow down when going downhill or on bumpy roads. On any non-motor vehicle lane, downhill and paved road, the speed shall not exceed 15 km/h (or 9.32 mph).

### Caution

1. Do not ride indoors.
2. Do not accelerate while walking your eBike.
3. Always keep your hands on the handlebar.
4. Do not swing wildly from side to side.
5. Please use fitting basket and seat (additional purchase) for carrying goods and passenger.



### Check before riding

1. The recommended tire pressure is 35-45 PS.
2. The power circuit, lighting circuit, etc. should be normal.
3. The front and rear brakes should function normally. Pull the brakes and check if they can control the wheels tightly. The reflectors should not be damaged or soiled.
4. When adjusting the handlebar or saddle, be careful not to go beyond the safety marks.

### Speed limit:



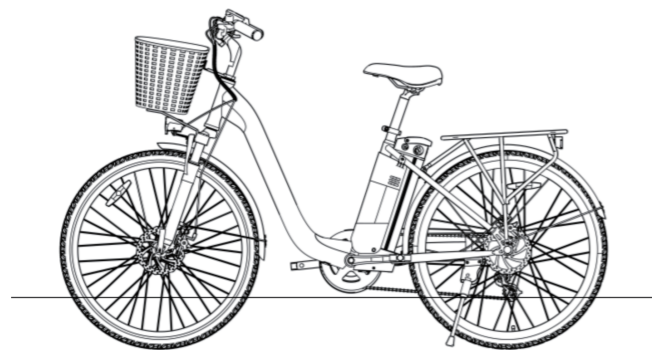
The speed limit may vary in different regions. Please check your local laws and regulations before riding, and strictly abide by them.

## 4. Storage and maintenance

### 4.1 Storage

#### 4.1.1 Indoor storage

Keep the eBike unfolded as a normal bike. Alternatively, fold the eBike and store it in a corner. Do not keep the battery connected to the mains while the eBike is in long storage, but charge the battery regularly to maintain battery life.

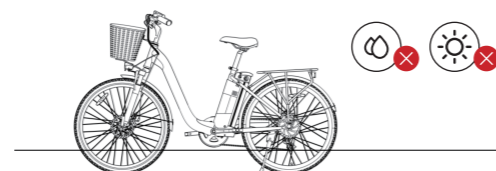


### 4.2 Maintenance

#### 4.2.1 Cleaning

Never rinse the eBike. Wipe with a damp cloth to clean.

After riding, please store the car in a place without direct sunlight or rain.



### 4.2.2 Regular inspection

#### When unpacking

Check all screws in case any is loosened. Reinforce them from time to time to keep them fastened.

Recommended torque: handlebar screw 60-80 kgf.cm (or 52.08-69.44 lbf.in), steering stem screw 175-200 kgf.cm (or 151.90-173.60 lbf.in), saddle screw 175-250 kgf.cm (or 151.90-217.00 lbf.in), and wheel screw 320-450 kgf.cm (or 277.70-390.60 lbf.in).

#### Regular inspection

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

Check the motor and brake frequently. Do not oil the brake.

Always check the tires for scratches, cracks or excessive wear. The inner tube and valve must be perpendicular to the wheel hub at all times.

### 4.2.3 Replacement of parts

#### Tire replacement

Punctured, damaged or excessively worn inner tube and tire must be replaced immediately. For repairing and replacing your tire cover, please contact professional technicians. DYU does not provide replacement.

#### Modification is prohibited

It is forbidden to modify key structural parts including the frame, front fork and steerer tube, and any electrical parts. The warranty shall not apply to any part and component that is not original from DYU. The owner shall take sole responsibility for any loss or damage due to modification.

### 4.2.4 Battery and charging

#### Storage conditions

Never put the battery in acid or alkaline liquid. Keep away from rain, fire, heat and high temperature. Do not connect the positive to negative, or vice versa. Do not damage, disassemble, or short-circuit the battery.

When not in use, store the battery in a dry (relative humidity at 65±20%) and cool (temperature at 10-35°C, or 50-95°F) place. Make sure to charge the battery for two hours each month.

#### Charge the battery

Use the original charger from the package to charge the battery. Do not disassemble the charger or replace parts and components in the charger on your own. The charging current should not exceed 2A. The charger must match with the battery type and applicable voltage. Never mix the use of different chargers.

Charge only in a well-ventilated area, away from sun and heat. Connect the charger and battery before plugging the charger into the mains.

When charging, if the charging indicator light appears abnormal, a smell is released, or the charger overheats, stop charging immediately. Service or replace the charger.

To stop charging, unplug from the mains before disconnecting the charger and battery. When the charging indicator turns green, stop charging. Do not leave the charger connected to any AC power source when not charging.

When in use or in storage, avoid water, other liquid, or other foreign matter inside the battery to prevent short circuit. It is advisable not to carry the charger with your eBike. If you must, place the charger in a toolbox upon shock absorption treatment.

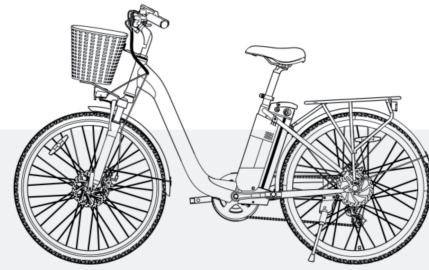
#### Recycle the battery



Waste battery is classified as hazardous. Do not disassemble the waste battery on your own. Please contact professional agency for its recycle.

# Specification

**Model: C6 Pro**




|                  |                                                                               |                                            |                                                             |
|------------------|-------------------------------------------------------------------------------|--------------------------------------------|-------------------------------------------------------------|
| <b>Packaging</b> | Packing size                                                                  | 1510*240*790 mm (or 59.45*9.45*31.10 in)   |                                                             |
|                  | Gross weight                                                                  | 36.2±1 kg (or 79.80±2.20 lbs)              |                                                             |
| <b>General</b>   | Expanded size                                                                 | 1820*650*1160 mm (or 71.65*25.59*45.67 in) |                                                             |
|                  | Folded size                                                                   | /                                          |                                                             |
|                  | Net weight                                                                    | 32±1 kg (or 70.55±2.20 lbs)                |                                                             |
|                  | Handlebar width                                                               | 580 mm (or 22.83 in)                       |                                                             |
|                  | Pedal ground clearance                                                        | 100 mm (or 3.94 in)                        |                                                             |
|                  | Max load                                                                      | 120 kg (or 264.55 lbs)                     |                                                             |
|                  | IP rating                                                                     | IP54                                       |                                                             |
|                  | Frame material                                                                | High-carbon steel                          |                                                             |
|                  | Speed in Gear 1/2/3                                                           |                                            | 15 km/h (or 9.32 mph)                                       |
|                  |                                                                               |                                            | 20 km/h (or 12.43 mph)                                      |
|                  |                                                                               |                                            | 25 km/h (or 15.53 mph)                                      |
|                  | Brake system (disc brake/ electric brake/ drum brake / other to be specified) |                                            | Front: mechanical disc brake<br>Rear: mechanical disc brake |
|                  | Hill climbing capacity                                                        |                                            | 15 degrees                                                  |
| Max speed        |                                                                               | 25 km/h (or 15.53 mph)                     |                                                             |
| <b>Motor</b>     | Type                                                                          | High-speed motor                           |                                                             |
|                  | Rated power                                                                   | 250W                                       |                                                             |
|                  | Standard voltage                                                              | 36V                                        |                                                             |
|                  | Location (hub/ mid-drive/ other in-wheel)                                     |                                            | Spoke motor                                                 |
| <b>Battery</b>   | Brand                                                                         | Chinese                                    |                                                             |
|                  | Type                                                                          | Power lithium battery                      |                                                             |
|                  | Capacity                                                                      | 15.6 Ah                                    |                                                             |
|                  | Voltage                                                                       | 36V                                        |                                                             |
|                  | Charging time                                                                 | 7-8 hours                                  |                                                             |

|                    |                            |                                                                                                                                                                                                   |
|--------------------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Range</b>       | Throttle mode              | 45±2 km (or 27.96±1.24 mi)                                                                                                                                                                        |
|                    | Pedal Assist mode          | 70±2 km (or 43.50±1.24 mi)                                                                                                                                                                        |
| <b>Headlight</b>   | Type                       | LED                                                                                                                                                                                               |
| <b>Rear light</b>  | Type                       | Battery taillight                                                                                                                                                                                 |
| <b>Charging</b>    | Input                      | AC 100-240V                                                                                                                                                                                       |
|                    | Output                     | 42V/2A                                                                                                                                                                                            |
| <b>Tire</b>        | Size                       | 26×2.125 mm (or 1.0236x0.0872 in)                                                                                                                                                                 |
|                    | Type                       | Pneumatic                                                                                                                                                                                         |
|                    | Tire pressure              | 350 kpa                                                                                                                                                                                           |
| <b>Seat</b>        | Min (height from ground)   | 875 mm (or 34.45 in)                                                                                                                                                                              |
|                    | Max (height from ground)   | 1045 mm (or 41.14 in)                                                                                                                                                                             |
|                    | Adjustable height          | Yes                                                                                                                                                                                               |
| <b>Display</b>     | <b>Type (LED/LCD/OLED)</b> | <b>LED digital display</b>                                                                                                                                                                        |
| <b>Application</b> | Smart application          | /                                                                                                                                                                                                 |
| <b>Features</b>    | Cruising                   | /                                                                                                                                                                                                 |
|                    | Choice of unit systems     | Yes                                                                                                                                                                                               |
|                    | Speed limit removed        | /                                                                                                                                                                                                 |
|                    | Others                     | The eBike automatically powers off upon ten minutes of inactivity. Press and hold the minus button (-) at the display may activate the Pedal Assist Mode with the speed at 4.5 km/h (or 2.80 mph) |
|                    |                            |                                                                                                                                                                                                   |



Note: The maximum speed may vary, depending on the battery level, load, tire pressure, terrain, lubrication state of the chain and bearings, etc. The ranges are determined upon tests at the ambient temperature of 25°C (or 77°F), at the speed of 15 to 20 km/h (or 9.32 to 12.43 mph), on smooth and firm terrain, with a load of 60 kg (or 132.30 lbs.), and within an uninterrupted period from full to zero battery level. The ranges may vary, depending on your riding behavior, ambient temperature, load, tire pressure, terrain, etc.

## Trademark

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