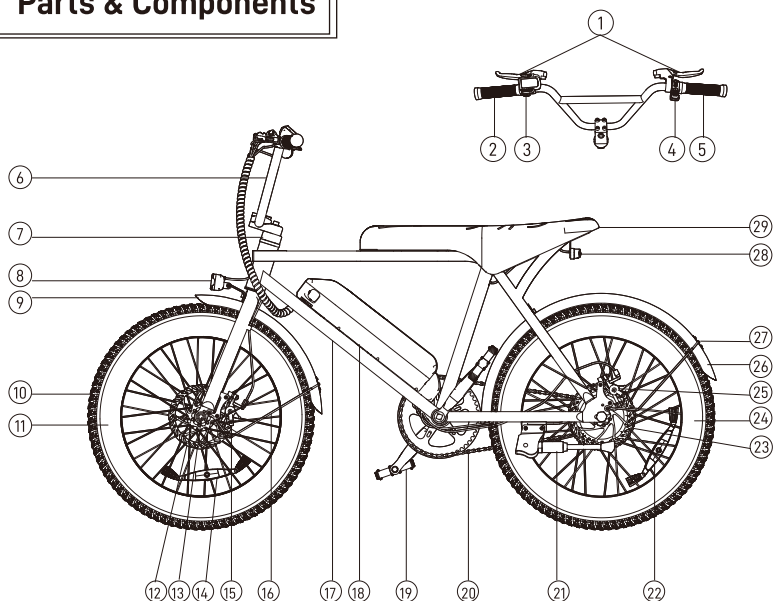




# **EBIKE BMX INSTRUCTION**

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

# Parts & Components

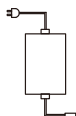


- |                      |                               |                          |
|----------------------|-------------------------------|--------------------------|
| 1. Brake Lever       | 11. Front Wheel Hub           | 21. Kickstand            |
| 2. Handle Grip       | 12. Front Brake Disc          | 22. Rear Wheel Reflector |
| 3. Instrument Panel  | 13. Front Wheel Quick Release | 23. Rear Brake Disc      |
| 4. Accelerator Lever | 14. Front Reflector           | 24. Rear Wheel Hub       |
| 5. Right Handle Grip | 15. Front Brake Caliper       | 25. Rear Brake Caliper   |
| 6. Handlebar         | 16. Front Fender Bracket      | 26. Rear Fender          |
| 7. Seat Post         | 17. Frame                     | 27. Rear Fender Bracket  |
| 8. Front Fork        | 18. Battery                   | 28. Tail Light           |
| 9. Front Fender      | 19. Pedal                     | 29. Saddle               |
| 10. Tire             | 20. Chain                     |                          |

## In the Package



Pedal x2



Charger x1



Owner's Manual x1



Allen Wrench x3



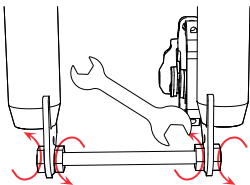
Open-End Hex Wrench x2



Open-End Wrench with Socket x1

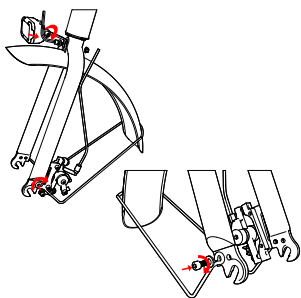
Note: As we upgrade our eBikes, the one you own may be slightly different from the one shown above, but how you use it shall be the same.

# Installation Guide



## 1. Remove the Front Fork Protective Bar

After unpacking, use a 17 mm open-end wrench to turn the nuts on both the left and right sides of the front fork dropouts counterclockwise, then remove the front fork protective bar.

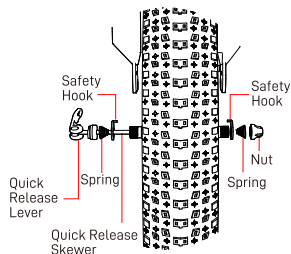


## 2. Install the Front Fender and Front Light

Arrange the front light and front fender properly. Align the fender mounting tab, front light bracket, and washer with the mounting hole on the front fork cable guide bracket. Use a 10 mm open-end wrench to hold the nut at the rear, then use an M5 hex key to turn the screw clockwise and tighten it to secure the front fender and front light.

Next, align the fender support bracket with the front fork fender mounting points.

Insert the washers and screws, then use an M4 hex key to tighten the screws on both sides in sequence.



## 3. Assemble the Front Wheel

### 3.1. Install the Front Wheel

Align the brake disc with the gap between the brake pads, then insert the front wheel.

Align the front wheel axle with the center of the front fork dropouts.

Insert the quick release skewer through the spring, safety hook, front fork dropout, and front wheel hub in sequence.

Assemble the opposite side in the same order, then tighten the nut.

Note:

The safety hook must be inserted into the round hole on the front fork dropout.

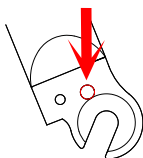
### 3.2. Tighten the Quick Release

Turn the nut clockwise and tighten it gradually, rotating it 45° each time.

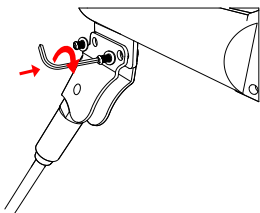
At the same time, open and close the quick-release lever repeatedly.

When you feel strong resistance while closing the lever, stop tightening the nut.

Use the palm of your hand to fully close the quick-release lever. When properly closed, the "CLOSE± marking should face outward.

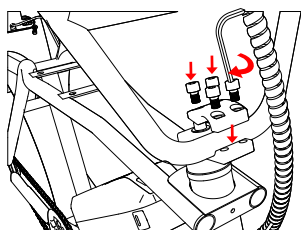


# Installation Guide



## 4. Install the Kickstand

Insert the kickstand into the mounting bracket on the left rear fork. Align the mounting holes, then insert the washers and screws. Use an M5 hex key to tighten the two screws clockwise.



## 5. Install the Handlebar

Place the handlebar into the handlebar clamp. Align the upper and lower clamp plates, then use an M6 hex key to insert and tighten the four bolts clockwise in sequence.

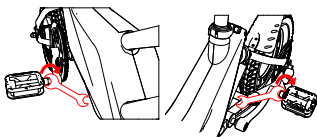
Adjust the handlebar to the center position and set the handlebar angle to a comfortable riding position, then fully tighten the four bolts.

### Final Check After Installation

After completing the installation, push the bicycle forward to ensure that the wheels rotate smoothly without any abnormal noise.

Then push the bicycle again and gently squeeze the brake levers several times to confirm that both the front and rear brakes are functioning properly.

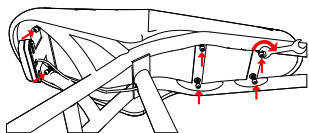
If any abnormality is found, please contact after-sales service.



## 6. Install the Pedals

Check the left (L) and right (R) markings on the pedals and match them to the corresponding left and right crank arms.

Use an M15 open-end wrench to tighten the pedal nuts clockwise.

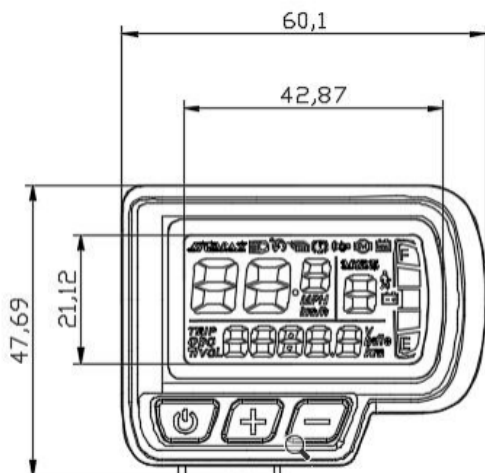


## 7. Install the Saddle

Place the saddle onto the frame and align the mounting holes at the bottom.

Insert the washers and bolts, then use a 10 mm open-end wrench to tighten the nuts clockwise, securing all six nuts in sequence.

## Function Description



### Power On / Off

Press and hold the Power button to turn the device on or off.

### Gear Level Adjustment

Short press the "+ ±" or "- ±" button to switch gear levels.

There are 4 gear levels:

0 / 15 / 20 / 25 / 32 km/h

### Trip Display Switching

Short press the Power button to cycle through the trip display modes:

ODO fl Total mileage

TRIP fl Single trip mileage

VOL fl Battery voltage

### Headlight Control

Press and hold the "+ ±" button to turn the headlight on or off.

### Walk Assist Mode

Press and hold the "- ±" button to enter Walk Assist Mode.

### Enter Settings

Press and hold "+ ±" and "- ±" simultaneously for 5 seconds to enter the settings menu.

After entering settings, short press the Power button to switch between parameter modules.

Short press "+ ±" or "- ±" to adjust the current parameter.

After completing the settings, press and hold "+ ±" and "- ±" simultaneously for 5 seconds to save and exit.

### Parameter Settings:

P01: Backlight brightness

Level 1: Darkest

Level 3: Brightest

P02: Distance unit 0: KM 1: MILE

P04: ODO reset

Press and hold "+ ±" for 5 seconds to reset ODO

# Specifications

|                                           |                          |
|-------------------------------------------|--------------------------|
| Frame Material                            | Iron                     |
| Unfolded Dimensions                       | 1550 × 630 × 1000 mm     |
| Package Dimensions                        | 1315 × 220 × 740 mm      |
| Handlebar Width                           | 630 mm                   |
| Ground Clearance (Pedal-to-Ground Height) | 110 mm                   |
| Wheel Size                                | 20 inch                  |
| Frame Color                               | Black / White            |
| Net Weight                                | 24.8 kg ± 1 kg           |
| Maximum Load                              | 120 kg                   |
| Riding Speed                              | 0–15–20–25–32 km/h       |
| Top Speed                                 | 32 km/h                  |
| Electric Range                            | 31 km                    |
| Maximum Climbing Angle                    | 15°                      |
| Operating Temperature                     | –10°C to 45°C            |
| Waterproof Rating                         | IP54                     |
| Battery Type                              | Ternary Lithium Battery  |
| Battery Capacity                          | 13Ah                     |
| Rated Battery Voltage                     | 48 V                     |
| Charging Voltage                          | 54.6 V 2 A               |
| Charger Input Voltage                     | AC 100–240 V             |
| Charging Time                             | 6 hours                  |
| Motor Type                                | Brushless DC Motor       |
| Rated Motor Power                         | 500 W                    |
| Rated Motor Voltage                       | 48 V                     |
| Controller Undervoltage Value             | 40 ± 1 V                 |
| Controller Current Limit                  | 18 ± 1 A                 |
| Anti-Theft Positioning                    | No                       |
| Smart App                                 | No                       |
| Front Light                               | Yes                      |
| Rear Light                                | Yes                      |
| Seat                                      | Not Adjustable           |
| Cruise Control                            | No                       |
| Braking System                            | Front & Rear Disc Brakes |
| Custom Stickers                           | Supported                |

# Attention

## Battery & Charging

- Do not connect the positive to negative, or vice versa. Do not damage, disassemble, or short-circuit the battery. Avoid water, other liquid, or other foreign matter inside the battery to prevent short circuit.
- Instructions in this manual must be followed when charging the battery, otherwise the owner shall take sole responsibility for any consequences.
- Charge the battery only at the temperature between 0°C (or 32°F) and 45°C (or 113°F), and discharge at the temperature between -20°C (or -4°F) and 60°C (or 140°F). The charging current should not exceed 2A. Charge only in a well-ventilated area, away from sun and heat.
- Use the original charger from the package to charge the battery. Connect the charger and battery before plugging the charger into the mains. Do not charge the battery for over 6 hours each time.
- When charging, if the charging indicator 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 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. Keep away from fire, heat and high temperature. Do not put the battery in acid or alkaline liquid. Make sure to charge the battery for two hours each month.
- Before using the charger to charge a different battery, note the battery type and voltage that the charger may apply to.
- It is advisable not to carry the charger with your eBike. If you must, place the charger in a toolbox upon shock absorption treatment.
- Do not disassemble the charger or replace the parts and components in the charger on your own.
- Waste battery is classified as hazardous. Do not disassemble the waste battery on your own. It should be collected and recycled properly.

## Riding your eBike

- Do not use the eBike before reading this manual carefully and knowing your eBike thoroughly.
- This eBike is designed for riders aged 16-45. Anyone aged below 16 is strictly forbidden to ride this eBike.
- Please wear a helmet.
- Do not lend your eBike to anyone who do not know how to use it, so as to avoid harm.
- When adjusting the steerer tube and seat tube, do not expose the minimum insertion marks.
- Before riding, check the tire pressure. It is advisable to maintain at 35-45 PSI.
- Before riding, ensure the power, lights, handles, brakes, wheels, reflectors and others are in good condition.
- Before carrying people or objects on your eBike, learn the local laws and regulations, and abide by them.
- Do not exceed the load capacity of 120 kg (or 264.60 lbs.).
- Wear a helmet, and obey traffic rules.
- Obey local traffic rules to keep to the right or left.
- Do not ride on any motorized lane or in any pedestrian crowd.

# Attention

- It is advisable not to go over 15 km/h (or 9.32 mph) when riding on any non-motorized lane, downhill, or paved road.
- Slow down in rain or snow as required braking distances increase.
- It is advisable not to ride in storms or any extreme weather.
- Avoid impact on the motor.
- Keep the bearings lubricated.
- Do not park your eBike in any lobby, walkway, evacuation stairway, or emergency entrance/exit.
- Do not charge or park your eBike inside any residential building. Keep away from combustibles when charging. Charging should not exceed 6 hours each time.

## Maintenance

- The front and rear wheels should be aligned to the center of the front fork and frame.
- Park away from direct sunlight and rain.
- Do not rinse the eBike. Wipe with a damp cloth to clean.
- Check the motor and brakes frequently. Do not oil the braking system.
- Regularly check all screws and keep them fastened.
- Recommended torque specs: 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).
- Regularly check the tension of the chain, which can be adjusted via the chain regulator.
- Frequently check the tires for scratches, cracks or excessive wear. The inner tube and valve should be perpendicular to the wheel hub. Punctured, damaged or excessively worn inner tube and tire must be replaced immediately. Please contact professional technicians.
- It is forbidden to modify key structural parts including the frame, front fork and steerer tube, and any electrical parts. If damaged, replace with identical parts from our factory. Otherwise, the warranty shall be void and the owner shall take sole responsibility for any consequence.

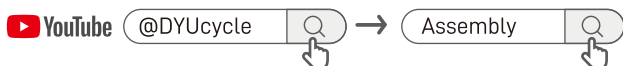
## Disclaimer

- Our company reserves the right to modify and give final interpretation to the product model, specification, and other information contained in this manual.
- The functions of the specific model referred to in this manual apply to this specific model only.
- The product model, specification, and other information contained in this manual is subject to any modification or change without notice.
- Without the prior written permission of the company, the contents of the manual may not be copied, modified, reprinted, disseminated or published in any form.
- Please read this manual carefully before using the product, and operate in accordance with the manual. Otherwise, the company shall not be liable for any personal or property damage, including damage to the product, caused by misuse or abuse.

# Installation Guide

For tutorial videos please visit :

**<https://www.youtube.com/@DYUcycle>**



## After-Sales Service Contact

Official Website: ✉ **Service@dyucycle.com**

Amazon: ✉ **supporteu@dyucycle.com**



@DYUcycle



DYU CYCLE



dyucycle



@dyucycle



DYUofficial

# Warranty Info

**1 YEARS FRAME + 1 YEARS BATTERY + 1 YEARS MOTOR**

| Parts & Components | Warranty Period | Warranty Terms                                                                                                                                                                                                                                                                                           |
|--------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Frame              | 12 months       | <b>Covered after sales:</b> natural deformation/ welding cracks/ desoldering cracks/ manufacturing defects.<br><b>Not covered after sales:</b> self-modification/ damage upon crash.                                                                                                                     |
| Battery            | 12 months       | <b>Covered after sales:</b> Replacement for poor contact, power failure, no power storage, and capacity below 60%.<br><b>Not covered after sales:</b> water ingress/ artificial damage / poor maintenance as in no charging for over a month.                                                            |
| Motor              | 12 months       | <b>Covered after sales:</b> repair for coil phase damage, demagnetisation, detachment, axle deformation, noisy bearing and other quality defects.<br><b>Not covered after sales:</b> any damage caused by improper riding or operation, alteration without authorisation or any other artificial reason. |
| Others             | /               | <b>Please contact us upon damage.</b>                                                                                                                                                                                                                                                                    |

Please visit  
<https://dyucycle.com/pages/warranty>  
For latest warranty information



## Contact Us

Contact us if you experience issues relating to assembly, riding, maintenance and safety

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### MANUFACTURER:

Shenzhen DYU Intelligent Mobility Technology Co.Ltd

**Add:** Building B, 26th floor, Digital Innovation Center Building (Industrial Zone).  
Longhua District, Shenzhen City

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**E-mail:** [eurep@eurep-gmbh.de](mailto:eurep@eurep-gmbh.de)  
**Website:** <https://eurepstar.com/>

Official Website: ✉ [Service@dyucycle.com](mailto:Service@dyucycle.com)

Amazon: ✉ [supporteu@dyucycle.com](mailto:supporteu@dyucycle.com)

