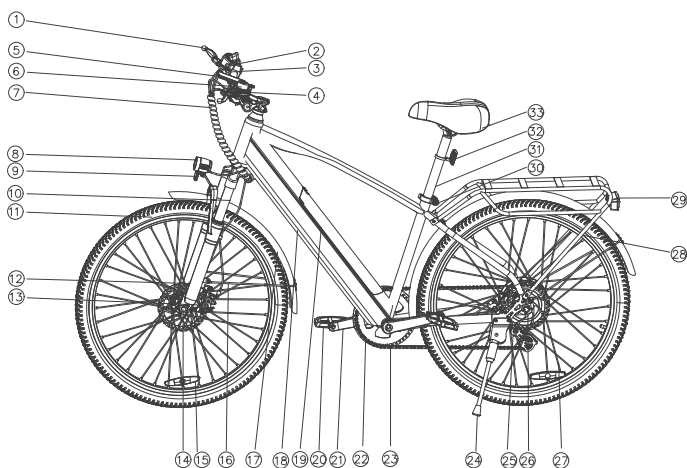




DYU SMART ELECTRIC BIKE C5 INSTRUCTION

Do not use the eBike without reading this manual carefully and
knowing your eBike thoroughly
Please save this manual for future reference

PARTS & COMPONENTS



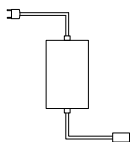
- | | | |
|--------------------|-----------------------|----------------------------|
| 1.Brake Lever | 12.Disc Brake Rotor | 23.Chain |
| 2.Mechanic Shifter | 13.Disc Brake Caliper | 24.Kickstand |
| 3.Shifter | 14.Hub | 25.Rear Derailleur |
| 4.Power Button | 15.Wheel Reflector | 26.Motor |
| 5.Display | 16.Mudguard Support | 27.Spoke |
| 6.Bell | 17.Mudguard | 28.Pannier Rack |
| 7.Wire Harness | 18.Frame | 29.Taillight |
| 8.Headlight | 19.Battery | 30.Seat Tube Quick Release |
| 9.Reflector | 20.Pedal | 31.Seat Tube |
| 10.Front Fork | 21.Crank | 32.Reflector |
| 11.Tyre | 22.Chain Wheel | 33.Saddle |

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

In the Package



2× Pedals



1× Charger



1× Owner's
Manual



1× Warranty
Card



1× Hex Key

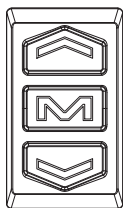
ASSEMBLING

1. Open the box, take out your eBike, and remove the packaging.
 2. Assemble the front wheel: Mount the front wheel to the front fork, and tighten the quick release at the front wheel.
 3. Assemble the handlebar: Open the riser latch, fix the handlebar upon the riser, align the handlebar, and fasten the screw.
 4. Walk the eBike to ensure no abnormal sound from the turning wheels. Gently pull the brake levers for a couple of times to ensure both the front and rear brakes function normally.
 5. Adjust the seat tube to desired height, and lock the quick release.
 6. Install the pedals and tighten up.
- Please wear a helmet when riding the eBike.

CHARGING

Please use the original charger that comes with the eBike. Connect the DC jack of the charger to the charging slot of your eBike, and then the AC plug to the mains. When the charging starts, the red light on the charger turns on. The charger light turns from red to green when charging is complete. (When the battery does not need charging, do not keep the AC plug connected to the mains, and do not keep the charger connected to the battery. Do not charge indoors. When charging outdoors, avoid rain or direct sun on the charger.)


BUTTONS



The buttons may be pressed, pressed and held, individually or jointly.



The buttons may be pressed, pressed and held, individually or jointly.

When riding, press  or  to adjust the gear/speed.

When riding, press  to switch the display of various data.

In general, pressing and holding a single button is for switching on and off. Pressing and holding more than one button is for parameter setting.

I. Adjust gear

When in Pedal Assist Mode, press  to gear up by one level, or press  to gear down by one level.

II. Switch speed unit

Press and hold  +  together to switch the unit of speed for display.

III. Activate/Deactivate cruising at 4.5 km/h


When your eBike is still, press and hold  to activate cruising at 4.5 km/h. Release the button to stop cruising.










Press and hold  for ten seconds to switch on/off the headlight.

When on the P16 menu, pressing and holding  for ten seconds shall erase ODO.

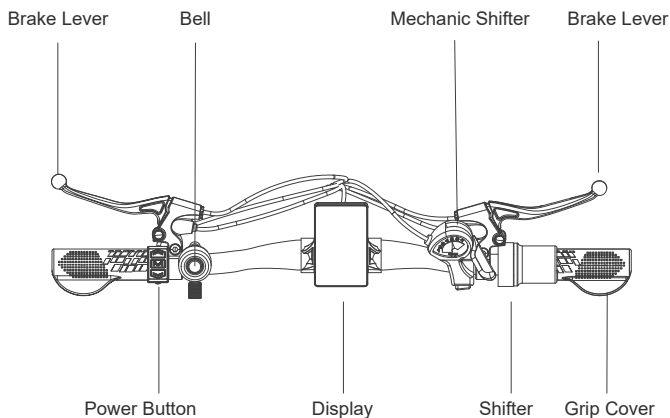
IV. Turn on/off the display

When the display is on, press and hold  to turn off the display. When the display is off, press and hold  to turn on the display.

V. Switch the display of various data: Press  to view various data.

VI. Set the parameters: Press and hold  and  together to initiate parameter setting or viewing. Parameters that can be set or viewed include: Display brightness, unit of mileage, and ODO erasure (please see P01-P03). Press  or  to adjust the value by the minimum unit. Press and hold  or  to adjust the value swiftly. Upon desired value, press  to save, and enter the next item. Press and hold  and  together to exit parameter setting or viewing. The setting times out after five seconds of inactivity.

HANDLEBAR



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 gearshifting to occur.

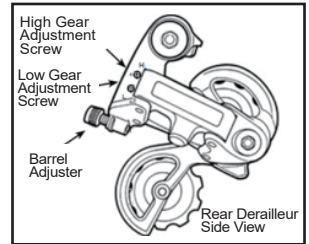
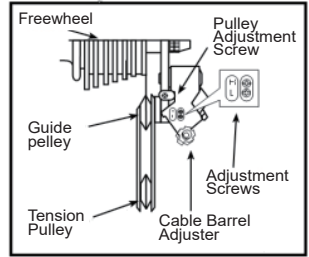
Derailleur

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

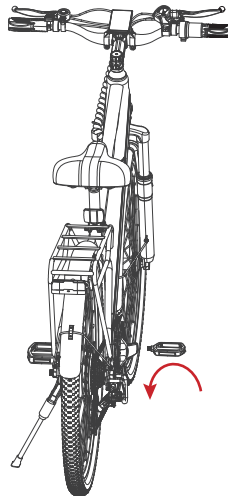
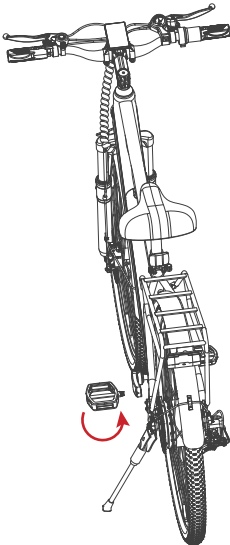
Rear Derailleur

Begin by shifting the rear shifter to the 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 in the direction you want the chain to go. For example, turning clockwise will loosen 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.



INSTALLING THE PEDALS



1. Insert the pedal marked "R" into the crank. Hold the pedal with your hand, and turn it clockwise for a few rounds. Then clamp the pedal shaft with the spanner in the package, and turn it clockwise until fastened. Find the L pedal and repeat the above steps (but rotate counterclockwise).

2. 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.

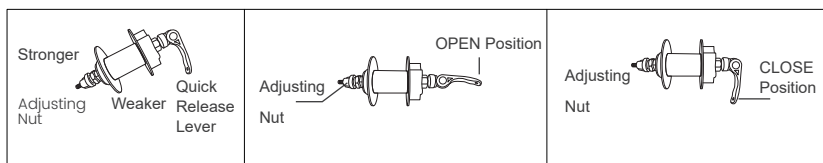
Screw in the right pedal clockwise, and the left counter-clockwise.

INSTALLING THE FRONT WHEEL

I. Basic mechanical principle with the quick release lever

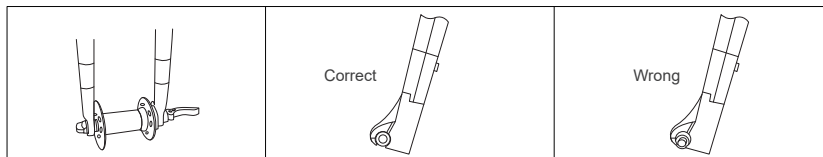
Turn the adjusting nut clockwise to increase clamping, and counter-clockwise to decrease.

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.

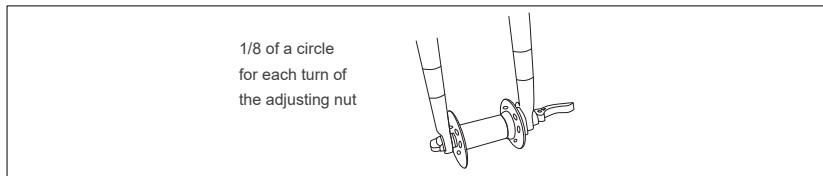


II. How to install

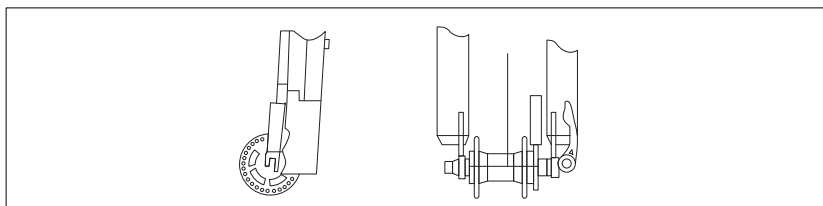
1. Open the quick release lever, and insert the front wheel all the way into the dropouts of the front fork.



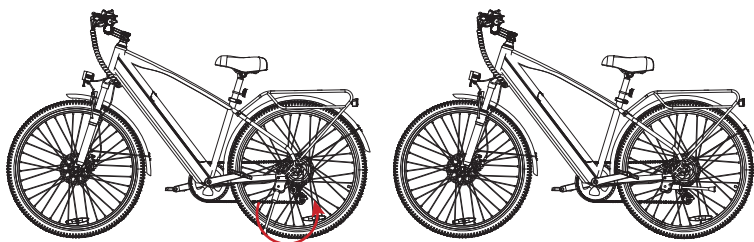
2. With your left hand, turn the adjusting nut clockwise to fasten up, and with your right hand, close the quick release lever. Continue to turn the adjusting nut till the lever runs parallel to the hub (as indicated below) and resistance from the lever is felt.



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). fork leg, as show in the diagram below.



KICKSTAND

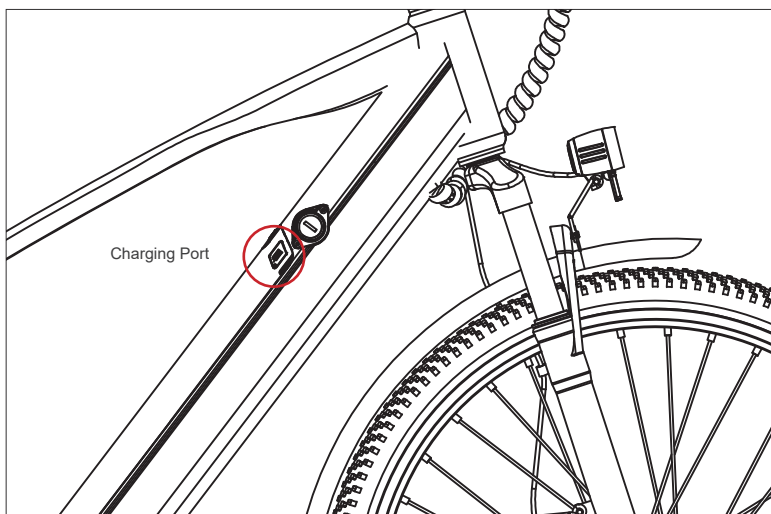


(1) Kick the kickstand backward with your foot, and it shall lift up to a position parallel to the ground.

(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.

CHARGING PORT



SPECIFICATION

Build	Model	C5
	Body material	Iron
	Expanded size	1815*610*1110 mm (or 71.46*24.02*43.70 in)
	Wheelbase	1120 mm (or 44.09 in)
	Ground clearance	90 mm (or 3.54 in)
	Wheel hub	27.5 in
	Net weight	27.3 kg (or 60.19 lbs)
	Body colour	Black
Performance	Load	120 kg (or 264.55 lbs)
	Riding speed	20 km/h (or 12.43 mph)
	Max speed	25 km/h (or 15.53 mph)
	Power consumption per hundred kilometers	1.2 kWh
	Range in Throttle Mode	40±3 km (or 24.85±1.86 mi)
	Range in Pedal Assist mode	60±5 km (or 37.28±3.11 mi)
	Hill climbing capacity	15 degrees
	Operating temperature	-10°C - 45°C (or 14°F - 113°F)
	IP rating	IP54

SPECIFICATION

Core	Model	C5
	Battery type	18650 lithium-ion
	Battery capacity	10Ah
	Battery rated voltage	48V
	Charging voltage	DC54.6V
	Charger input voltage	AC100-240V
	Charging time	5 hours
	Motor type	High-speed motor
	Motor rated power	250W
	Motor rated voltage	48V
	Controller under voltage value	41±1V
	Controller over current value	15±1A
Features	Headlight	Yes
	Pannier rack	Yes
	Braking	Front and rear disc brakes
	Pedal assist sensor	Speed sensor
	Adjustable seat height	Yes
	Back support	No
	Others	The eBike powers off automatically after ten minutes of inactivity.

Note:

The max 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 120 kg (or 264.55 lbs.), and within an uninterrupted period from complete to zero battery level. The ranges may vary depending on your riding behavior, ambient temperature, load, tire pressure, terrain, etc.

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.**
- **Do not cycle with only one hand.**
- 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.
- For more information, please visit our official website: www.dyucycle.com.



DYU Ebike Owners Group