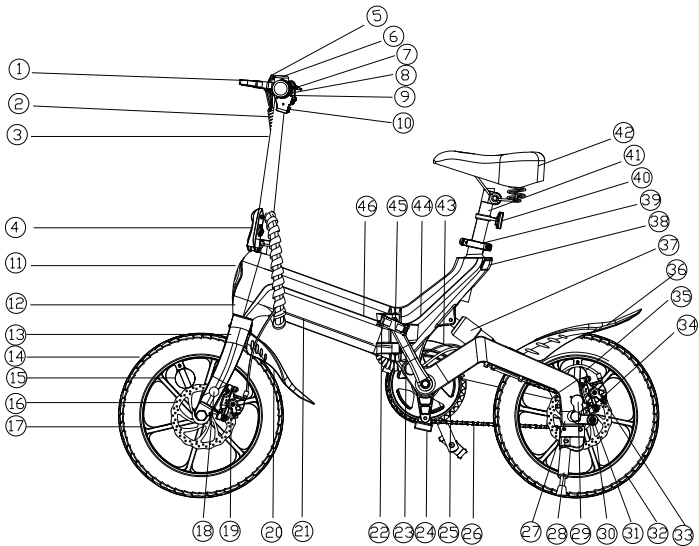




DYU SMART ELECTRIC BIKE A16 INSTRUCTION

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

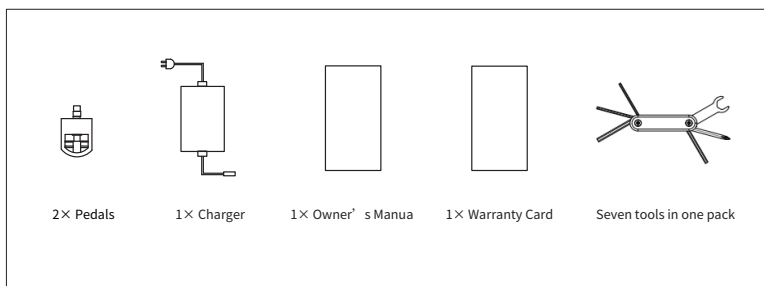
Parts & Components



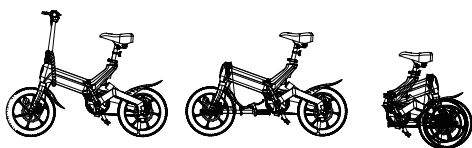
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|--------------------------|-----------------------------|----------------------------|
| 1.Brake Lever | 17.Integrated Wheel Hub | 32.Tyre |
| 2.Wire Harness | 18.Magnetic Snap Buckle | 33.Disc Brake Caliper |
| 3.Riser | 19.Front Disc Brake Caliper | 34.Flywheel |
| 4.Riser Latch | 20.Front Mudguard | 35.Rear Wheel Reflector |
| 5.Handlebar Reflector | 21.Frame | 36.Rear Mudguard |
| 6.Bell | 22.Pedal | 37.Shock Absorber |
| 7.Quick Release | 23.Crank | 38.Taillight |
| 8.Shifter | 24.Supporting Rubber Block | 39.Seat Tube Quick Release |
| 9.Grip Cover | 25.Chain Wheel | 40.Seat Reflector |
| 10.Display | 26.Chain | 41.Seat Tube |
| 11.Headlight | 27.In-wheel Motor | 42.Saddle |
| 12.Head Tube | 28.Kickstand | 43.Chain Cover |
| 13.Front Fork | 29.Supporting Rubber Block | 44.Controller |
| 14.Tyre | 30.Disc Brake Rotor | 45.Folding Latch |
| 15.Front Wheel Reflector | 31.Disc Brake Lock | 46.Battery |
| 16.Disc Brake Rotor | | |

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



Folding Your eBike

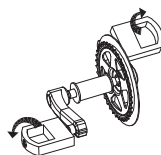


1. Open the handlebar quick release, and align the handlebar.

2. Open the riser latch, and fold the riser.

3. Open the frame latch at the battery tube, and fold the frame.

Installing the Pedals



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

Getting Started

- 1. Assembling:** Open the box and take out your eBike. Unfold the frame and tighten the latch at the battery tube. Straighten the riser, and fasten the latch. Unfold and align the handlebar, and lock the quick release. Gently pull the brake levers for a couple of times to ensure both the front and rear brakes function normally. Walk the eBike to ensure no abnormal sound from the turning wheels. Adjust the seat tube to desired height, and lock the quick release. Install the pedals and tighten up.
- 2. Charging:** Connect the DC jack of the charger to the charging slot of your eBike, and the AC plug to the mains. The charger light turns from red to green when charging is complete.
- 3. Power on and off:** Turn on the power switch on the removable battery inside the battery tube, and press the power button on the left handle. Use the same switch and button to power off.
- 4. Light on and off:** Press and hold the + button on the left handle for three seconds to switch both the headlight and taillight on and off.
- 5. Shifting gear (motor speed):** Press the middle button on the display on the left handle to turn on and off. Press the + and – buttons to shift gear. Gear 0/1/2/3 corresponds to the motor-powered maximum speed of 0 km/h (or 0 mph), 15 km/h (or 9.32 mph), 20 km/h (or 12.43 mph), 25 km/h (or 15.53 mph).
- 6. Pedal Assist Mode:** While you are pedalling, the motor also provides power.

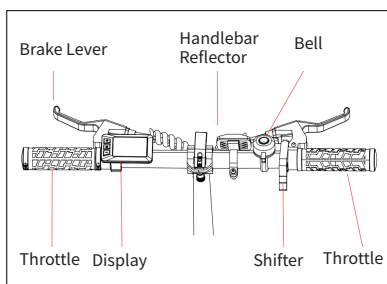
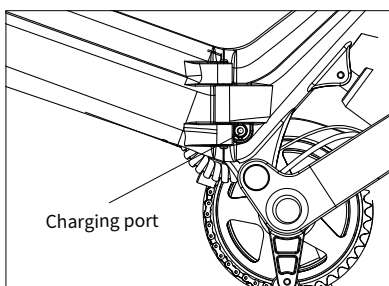
7. Throttle Mode: Press the shifter to engage the motor for acceleration without pedalling.

8. Battery indicator: Four battery levels may be indicated on the display on the left handle, suggesting 100%-70%, 70%-50%, 50%-25%, and 25%-0. When the battery is too low, the indicator flashes to remind the owner of charging.

9. Power cut-off brakes: When you pull the brake levers, the controller cuts off the motor output. The mechanical disc brakes are also engaged. As long as the brake levers are not completely released, Pedal Assist Mode or Throttle Mode remains disabled.

10. Headlight and taillight: Press the + button on the left handle and hold for three seconds to switch the headlight on and off. The taillight turns on and off together with the headlight in the Night Ride Mode. In the Braking Mode, the taillight flashes when braking.

11. Removing and installing the battery: This battery is removable. Release the latch on the frame, fold the frame, and open the battery lock to remove the battery. To install the battery, slide the battery into the battery tube, unfold the frame and tighten the latch. (For battery replacement upon damage, please contact our official customer service.)



Specification

Appearance Size	Model	A16
	Body material	Magnesium alloy
	Expanded size	765*445*700 mm (or 30.12*17.52*27.56 in)
	Folded size	1355*525*1085 mm (or 53.35*20.67*42.72 in)
	Packing size	790*410*580 mm (or 31.10*16.14*22.83 in)
	Wheelbase	935 mm (or 36.81 in)
	Ground clearance	110 mm (or 4.33 in)
	Wheel hub	16 in
	Body colour	Black
Performance	Weight	21.9 kg (or 48.28 lbs)
	Load	75 kg (or 165.35 lbs)
	Riding speed	20 km/h (or 12.43 mph)
	Max speed	25 km/h (or 15.53 mph)
	Power consumption per hundred kilometres	1.1 kWh
	Range in Throttle Mode	40 km (or 24.85 mi)
	Range in Pedal Assist mode	55 km (or 34.18 mi)
	Hill climbing capacity	15 degrees
	Operating temperature	-10°C - 45°C (or 14°F - 113°F)
	IP rating	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.

Specification

Accessories Parameters	Model	A16
	Battery Type	Lithium-ion
	Battery Capacity	10Ah
	Battery Rated Voltage	36V
	Charging Voltage	42V
	Charger Input Voltage	AC100-240V
	Charging Time	5-6 hours
	Motor Type	High-speed motor
	Motor Rated Power	250W
	Motor Rated Speed	330 r/min
	Motor Rated Voltage	42V
	Controller Under-Voltage Value	41±1V
	Current Limit Value	15±1A
	Battery display	Yes
Product Features	Shock Absorber	Yes
	Throttle	Yes
	Headlight	Yes
	Rear light	Yes
	Adjustable seat height	Yes
	Speed sensor	Yes
	Braking method	Front and rear dual disc brakes
	Customized stickers	Optional

Note: The max speed may vary, depending on the battery level, load, tyre 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 behaviour, ambient temperature, load, tire pressure, terrain, etc.

ATTENTION

Battery & Charging:

1. 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.
2. Instructions in this manual must be followed when charging the battery, otherwise the owner shall take sole responsibility for any consequences.
3. 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.
4. 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.
5. When charging, if the charging indicator appears abnormal, a smell is released, or the charger overheats, stop charging immediately. Service or replace the charger.
6. To stop charging, unplug from the mains before disconnecting the charger and battery.
7. When the charging indicator turns green, stop charging.
8. Do not leave the charger connected to any AC power source when not charging.
9. When not in use, store the battery in a dry and cool 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.
10. Before using the charger to charge a different battery, note the battery type and voltage that the charger may apply to.
11. It is advisable not to carry the charger with your eBike. If you must, place the charger in a toolbox upon shock absorption treatment.
12. Do not disassemble the charger or replace the parts and components in the charger on your own.
13. 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

1. Do not use the eBike before reading this manual carefully and knowing your eBike thoroughly.
2. **This eBike is designed for riders aged 16-45. Anyone aged below 16 is strictly forbidden to ride this eBike.**
3. **Do not cycle with only one hand.**
4. Do not lend your eBike to anyone who do not know how to use it, so as to avoid harm.
5. When adjusting the steerer tube and seat tube, do not expose the minimum insertion marks.
6. Before riding, check the tyre pressure. It is advisable to maintain at 35-45 PSI.
7. Before riding, ensure the power, lights, handles, brakes, wheels, reflectors and others are in good condition.
8. Before carrying people or objects on your eBike, learn the local laws and regulations, and abide by them.
9. Do not exceed the load capacity of 120 kg (or 264.60 lbs).
10. Wear a helmet, and obey traffic rules.
11. Obey local traffic rules to keep to the right or left.
12. Do not ride on any motorized lane or in any pedestrian crowd.
13. 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.
14. Slow down in rain or snow as required braking distances increase.
15. It is advisable not to ride in storms or any extreme weather.
16. Avoid impact on the motor.
17. Keep the bearings lubricated.
18. Do not park your eBike in any lobby, walkway, evacuation stairway, or emergency entrance/exit.
19. Do not charge or park your eBike inside any residential building. Keep away from combustibles when charging. Do not over-charge the eBike.

Maintenance

1. The front and rear wheels should be aligned to the center of the front fork and frame.
2. Park away from direct sunlight and rain.
3. Do not rinse the eBike. Wipe with a damp cloth to clean.
4. Check the motor and brakes frequently. Do not oil the braking system.
5. Regularly check all screws and keep them fastened.
6. 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).
7. Regularly check the tension of the chain, which can be adjusted via the chain regulator.
8. 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.
9. It is forbidden to modify key structural parts including the frame, front fork and steering stem, 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

1. Our company reserves the right to modify and give final interpretation to the product model, specification, and other information contained in this manual.
2. The product model, specification, and other information contained in this manual is subject to any modification or change without notice.
3. The functions of the specific model referred to in this manual apply to this specific model only.
4. 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.
5. 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.
6. For more information, please visit our official website: www.dyucycle.com.



DYU Official Store Facebook Group

Manufacturer: Shenzhen DYU Intelligent Mobility Technology Co., Ltd
website: www.dyucycle.com